

Supporting information

In vitro* screening of traditional South African malaria remedies against *Trypanosoma brucei rhodesiense*, *Trypanosoma cruzi*, *Leishmania donovani* and *Plasmodium falciparum

Tsholofelo A. Mokoka¹, Stefanie Zimmermann^{2,3}, Tasqiah Julianti², Nivan Moodley¹, Monica Cal³, Michael Adams², Marcel Kaiser³, Reto Brun³, Neil Koorbanally⁴, Matthias Hamburger²

¹Biosciences, CSIR, Pretoria, South Africa

²Institute of Pharmaceutical Biology, University of Basel, Basel, Switzerland

³Swiss Tropical and Public Health Institute, Basel, Switzerland

⁴Department of Chemistry, University of KwaZulu-Natal, Durban, South Africa

Correspondence

Prof. Dr. Matthias Hamburger, Institute of Pharmaceutical Biology, Department of Pharmaceutical Sciences, University of Basel, Klingelbergstrasse 50, CH-4056 Basel, Switzerland. E-mail:matthias.hamburger@unibas.ch, Phone: +41 61 267 15 55 Fax: +41 61 267 14 74

Supporting information Table S1 Antiprotozoal *in vitro* activity (% inhibition at 9.7 and 1.8 µg/mL) of 300 plant extracts tested against *Trypanosoma brucei rhodesiense*, *Trypanosoma cruzi*, *Leishmania donovani* and *Plasmodium falciparum*. Plants were selected due to their reported traditional use against malaria in South Africa.

Plant species	Family	Project number	Plant part	Solvent	<i>T. brucei rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i>	
					% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)
<i>Acacia nilotica</i> (L.) kraussianna	Fabaceae	P12859b	Twigs	DCM/MeOH(1:1)	18	17	6	5	22	11	43	0
<i>Acacia nilotica</i> (L.) kraussianna	Fabaceae	P12859c	Twigs	Aqueous	6	9	10	1	18	2	0	0
<i>Acacia tortilis</i> (Forssk) Hayne	Fabaceae	P12869b	Whole plant	DCM/MeOH(1:1)	17	4	12	3	28	7	59	4
<i>Achyranthes aspera</i> L.	Amaranthaceae	P15190b	Whole plant	DCM/MeOH(1:1)	12	10	0	0	36	0	53	0
<i>Agathosma apiculata</i> G.Mey.	Rutaceae	P09995b	Whole plant	DCM/MeOH(1:1)	99	0	0	0	73	14	80	21
<i>Agathosma puberula</i> (Steud.) Forc.	Rutaceae	P02011a	Roots	DCM	98	7	0	0	68	8	58	1
<i>Agathosma puberula</i> (Steud.) Forc.	Rutaceae	P02011b	Roots	DCM/MeOH (1:1)	0	1	0	0	29	1	34	1
<i>Agathosma puberula</i> (Steud.) Forc.	Rutaceae	P02022a	Stem bark	DCM	3	8	10	2	53	5	95	9
<i>Agathosma puberula</i> (Steud.) Forc.	Rutaceae	P02022b	Stem bark	DCM/MeOH (1:1)	5	0	4	0	17	4	25	14
<i>Ageratum conyzoides</i> L.	Asphodelaceae	P12944b	Whole plant	DCM/MeOH (1:1)	4	1	9	3	27	17	36	0
<i>Ageratum conyzoides</i> L.	Asphodelaceae	P12944c	whole plant	Aqueous	0	0	0	8	40	20	4	4
<i>Alepeida amatymbica</i> Eckl. & Zeyh.	Apiaceae	P02873b	Whole plant	DCM/MeOH (1:1)	2	0	0	0	89	23	56	1
<i>Aloe ferox</i> Mill.	Asphodelaceae	P01713a	Fruits	DCM	10	0	2	0	7	1	14	0
<i>Aloe ferox</i> Mill.	Asphodelaceae	P01713b	Fruits	DCM/MeOH (1:1)	15	0	0	5	17	9	1	0
<i>Aloe ferox</i> Mill.	Asphodelaceae	P01713c	Fruits	Aqueous	1	7	7	5	13	0	0	0
<i>Aloe ferox</i> Mill.	Asphodelaceae	P03153b	Whole plant	DCM/MeOH (1:1)	9	4	0	0	42	11	59	5
<i>Aloe marlothii</i> A.Berger	Asphodelaceae	P00054b	Leaves	DCM/MeOH (1:1)	13	10	0	0	5	0	0	4
<i>Aloe marlothii</i> A.Berger	Asphodelaceae	P00054d	Leaves	Aqueous	15	8	0	0	21	9	3	0
<i>Aloe marlothii</i> A.Berger	Asphodelaceae	P00770b	Whole plant	DCM/MeOH (1:1)	0	0	0	0	21	2	16	1
<i>Annona senegalensis</i> Pers. subsp. <i>senegalensis</i>	Annonaceae	P01034b	Leaves	DCM/MeOH (1:1)	0	3	0	0	11	0	93	0
<i>Anthocleista grandiflora</i> Gilg	Gentianaceae	P01455c	Leaves	Aqueous	0	3	0	0	17	3	2	0
<i>Anthocleista grandiflora</i> Gilg	Gentianaceae	P01455a	Leaves	DCM	43	24	0	0	32	5	26	0
<i>Anthocleista grandiflora</i> Gilg	Gentianaceae	P01455b	Leaves	DCM/MeOH (1:1)	18	21	0	0	20	16	2	0
<i>Artabotrys brachypetalus</i> Benth.	Annonaceae	P02239b	Twigs/Leaves	DCM/MeOH (1:1)	4	6	0	0	16	12	17	3
<i>Artabotrys brachypetalus</i> Benth.	Annonaceae	P02239c	Twigs/Leaves	Aqueous	2	1	0	1	16	3	0	0
<i>Artabotrys monteiroae</i> Oliv.	Annonaceae	P18314b	Leaves	DCM/MeOH (1:1)	99	0	9	8	25	5	40	0
<i>Artabotrys monteiroae</i> Oliv.	Annonaceae	P18314c	Leaves	Aqueous	0	0	15	5	18	10	0	0

Plant species	Family	Project number	Plant part	Solvent	<i>T. brucei rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i>	
					% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)
<i>Artemisia afra</i> Jacq. ex Willd.	Asteraceae	P00484a	Leaves	DCM	98	0	0	0	100	26	89	8
<i>Artemisia afra</i> Jacq. ex Willd.	Asteraceae	P00484b	Leaves	DCM/MeOH (1:1)	97	0	0	0	100	43	77	3
<i>Artemisia afra</i> Jacq. ex Willd.	Asteraceae	P00484c	Leaves	MeOH	96	5	0	0	81	0	35	0
<i>Asparagus virgatus</i> Baker	Asparagaceae	P08216b	Whole plant	DCM/MeOH (1:1)	11	9	0	11	35	14	55	3
<i>Asystasia gangetica</i> T.Anderson	Acanthaceae	P05622b	Twigs	DCM/MeOH (1:1)	6	0	0	0	28	0	40	3
<i>Asystasia gangetica</i> T.Anderson	Acanthaceae	P05623b	Leaves	DCM/MeOH (1:1)	0	0	2	0	18	0	100	51
<i>Barringtonia racemosa</i> (L.) Roxb.	Lecythidaceae	P15194c	Leaves	Aqueous	0	6	3	0	15	9	0	1
<i>Barringtonia racemosa</i> (L.) Roxb.	Lecythidaceae	P15194b	Leaves	DCM/MeOH(1:1)	3	0	5	4	25	3	33	6
<i>Barringtonia racemosa</i> (L.) Roxb.	Lecythidaceae	P15193b	Twigs	DCM/MeOH(1:1)	32	5	6	2	26	0	27	0
<i>Berula erecta</i> (Huds.) Coville	Apiaceae	P05646b	Whole plant	DCM/MeOH(1:1)	17	9	0	0	36	5	44	6
<i>Bidens pilosa</i> L.	Asteraceae	P00071b	Leaves	DCM/MeOH (1:1)	20	21	0	0	26	14	43	15
<i>Bidens pilosa</i> L.	Asteraceae	P00071c	Leaves	MeOH	21	17	0	0	37	14	47	5
<i>Bidens pilosa</i> L.	Asteraceae	P00071d	Leaves	Aqueous	19	15	0	0	23	14	13	0
<i>Bruguiera gymnorhiza</i> (L.) Lam.	Rhizophoraceae	P18322b	Twigs	DCM/MeOH(1:1)	0	0	0	1	26	9	35	0
<i>Capparis tomentosa</i> Lam.	Capparaceae	P00665a	Leaves	DCM	30	24	0	0	39	7	5	0
<i>Capparis tomentosa</i> Lam.	Capparaceae	P00667a	Stem bark	DCM	8	6	0	0	30	0	15	0
<i>Capparis tomentosa</i> Lam.	Capparaceae	P00669a	Roots	DCM	5	6	0	0	18	9	0	4
<i>Capparis tomentosa</i> Lam.	Capparaceae	P00665b	Leaves	DCM/MeOH(1:1)	6	0	0	0	19	0	21	0
<i>Capparis tomentosa</i> Lam.	Capparaceae	P00667b	Stem bark	DCM/MeOH(1:1)	4	17	0	0	10	0	1	0
<i>Capparis tomentosa</i> Lam.	Capparaceae	P00669b	Roots	DCM/MeOH(1:1)	22	3	0	0	32	4	0	0
<i>Carissa edulis</i> Vahl	Apocynaceae	P00334a	Stem bark	DCM	0	6	0	0	36	12	28	3
<i>Carissa edulis</i> Vahl	Apocynaceae	P00334b	Stem bark	DCM/MeOH (1:1)	9	7	0	0	33	7	14	0
<i>Carissa edulis</i> Vahl	Apocynaceae	P00334c	Stem bark	MeOH	13	16	0	0	19	0	0	0
<i>Catha edulis</i> (Vahl) Forssk. ex Endl.	Celastraceae	P00465a	Seed	DCM	0	0	0	0	33	10	37	0
<i>Catha edulis</i> (Vahl) Forssk. ex Endl.	Celastraceae	P00465b	Seed	DCM/MeOH (1:1)	0	11	0	0	19	0	11	0
<i>Catha edulis</i> (Vahl) Forssk. ex Endl.	Celastraceae	P00465c	Roots	MeOH	0	9	0	0	16	7	9	0
<i>Catha edulis</i> (Vahl) Forssk. ex Endl.	Celastraceae	P00469a	Roots	DCM	57	10	0	0	100	23	99	9
<i>Catha edulis</i> (Vahl) Forssk. ex Endl.	Celastraceae	P00469b	Roots	DCM/MeOH (1:1)	0	8	0	0	31	0	24	0

Plant species	Family	Project number	Plant part	Solvent	<i>T. brucei rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i>	
					% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)
<i>Catha edulis</i> (Vahl) Forssk. ex Endl.	Celastraceae	P00469c	Leaves	MeOH	3	3	0	0	9	3	18	0
<i>Catha edulis</i> (Vahl) Forssk. ex Endl.	Celastraceae	P00470a	Leaves	DCM	5	0	0	0	21	0	29	0
<i>Catha edulis</i> (Vahl) Forssk. ex Endl.	Celastraceae	P00470b	Leaves	DCM/MeOH (1:1)	0	8	0	0	14	0	42	8
<i>Catha edulis</i> (Vahl) Forssk. ex Endl.	Celastraceae	P00465d	Seed	Aqueous	0	7	3	2	6	4	0	0
<i>Catha edulis</i> (Vahl) Forssk. ex Endl.	Celastraceae	P00469d	Roots	Aqueous	0	0	10	0	24	12	0	0
<i>Catha edulis</i> (Vahl) Forssk. ex Endl.	Celastraceae	P00470d	Leaves	Aqueous	0	4	2	6	24	9	92	0
<i>Centella asiatica</i> (L.) Urb.	Apiaceae	P05632b	Leaves	DCM/MeOH (1:1)	0	0	0	3	43	2	39	7
<i>Clausena anisata</i> (Willd.) Hook.f. ex Benth var. <i>anisata</i>	Rutaceae	P09997b	Twigs	DCM/MeOH(1:1)	5	0	0	0	21	8	18	1
<i>Clausena anisata</i> (Willd.) Hook.f. e Benth var. <i>anisata</i>	Rutaceae	P09998b	Leaves	DCM/MeOH(1:1)	5	0	4	0	31	3	25	0
<i>Clutia hirsuta</i> E.Mey. ex Sond.	Euphorbiaceae	P11867b	Whole plant	DCM/MeOH(1:1)	8	4	0	1	40	12	69	10
<i>Clutia hirsuta</i> E.Mey. ex Sond.	Euphorbiaceae	P11867c	Whole plant	Aqueous	26	15	1	0	20	9	0	0
<i>Combretum zeyheri</i> Sond.	Combretaceae	P13042b	Twigs	DCM/MeOH(1:1)	10	0	47	0	26	4	33	0
<i>Combretum zeyheri</i> Sond.	Combretaceae	P13042c	Twigs	Aqueous	7	0	0	0	11	7	19	0
<i>Conyza albida</i> Spreng.	Asteraceae	P12954b	Whole plant	DCM/MeOH(1:1)	100	0	0	3	63	10	97	6
<i>Conyza albida</i> Spreng.	Asteraceae	P12954c	whole plant	Aqueous	0	3	0	1	21	11	1	0
<i>Conyza podocephala</i> DC.	Asteraceae	P03063b	Whole plant	DCM/MeOH (1:1)	6	4	0	0	53	4	99	12
<i>Conyza scabrida</i> DC.	Asteraceae	P03168b	Flowers/ Buds	DCM/MeOH (1:1)	2	6	0	0	93	12	60	0
<i>Conyza scabrida</i> DC.	Asteraceae	P03169b	Twigs	DCM/MeOH (1:1)	2	15	0	0	45	18	41	0
<i>Conyza scabrida</i> DC.	Asteraceae	P03170b	Leaves	DCM/MeOH (1:1)	0	3	0	0	100	5	53	7
<i>Crinum macowanii</i> Baker	Amaryllidaceae	P05637b	Flowers/ Buds	DCM/MeOH (1:1)	52	26	1	3	36	5	47	0
<i>Crinum macowanii</i> Baker	Amaryllidaceae	P05637c	Flowers/ Buds	Aqueous	0	0	0	0	2	0	2	0
<i>Crotalaria burkeana</i> Benth.	Fabaceae	P00417b	Roots	DCM/MeOH (1:1)	25	9	0	0	22	5	21	0
<i>Crotalaria burkeana</i> Benth.	Fabaceae	P00418b	Seed	DCM/MeOH (1:1)	18	8	0	0	63	10	66	5
<i>Crotalaria burkeana</i> Benth.	Fabaceae	P00417c	Leaves	MeOH	6	5	0	0	29	9	5	0
<i>Crotalaria burkeana</i> Benth.	Fabaceae	P00417d	Leaves	Aqueous	11	7	0	0	23	0	0	0
<i>Crotalaria burkeana</i> Benth.	Fabaceae	P00418d	Roots	Aqueous	7	3	0	0	22	7	0	0
<i>Croton gratissimus</i> Burch. var. <i>gratissimus</i>	Euphorbiaceae	P00010c	Leaves	MeOH	14	13	0	0	31	5	24	13
<i>Croton gratissimus</i> Burch. var. <i>gratissimus</i>	Euphorbiaceae	P00010d	Leaves	Aqueous	4	17	0	0	10	3	0	0

Plant species	Family	Project number	Plant part	Solvent	<i>T. brucei rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i>	
					% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)
<i>Croton menyhartii</i> Pax	Euphorbiaceae	P12951b	Leaves	DCM/MeOH(1:1)	99	2	8	0	66	7	100	27
<i>Croton menyhartii</i> Pax	Euphorbiaceae	P12952b	Twigs	DCM/MeOH(1:1)	98	10	0	2	56	20	100	33
<i>Croton menyhartii</i> Pax	Euphorbiaceae	P12951c	Leaves	Aqueous	16	7	0	12	28	17	4	0
<i>Croton menyhartii</i> Pax	Euphorbiaceae	P12952c	Twigs	Aqueous	4	5	0	3	28	26	1	0
<i>Cussonia spicata</i> Thunb.	Araliaceae	P00042a	Roots	DCM	12	13	0	0	31	4	28	0
<i>Cussonia spicata</i> Thunb.	Araliaceae	P00042c	Leaves	MeOH	15	7	0	0	92	16	17	2
<i>Cussonia spicata</i> Thunb.	Araliaceae	P02612b	Leaves	DCM/MeOH (1:1)	2	6	11	3	68	6	71	12
<i>Cymbopogon validus</i> (Stapf) Stapf ex Burt Davy	Poaceae	P12881b	Whole plant	DCM/MeOH(1:1)	99	6	6	6	41	7	97	7
<i>Diosma</i> sp (exact species not identified)	Rutaceae	P02051a	Roots	DCM	17	13	1	0	69	15	93	17
<i>Diosma</i> sp (exact species not identified)	Rutaceae	P02051b	Roots	DCM/MeOH (1:1)	10	3	0	0	18	0.0	13.8	0.0
<i>Diplorhynchus condylocarpon</i> (Müll.Arg.) Pichon	Apocynaceae	P00940b	Roots	DCM/MeOH (1:1)	0	6	0	0	19	0	4	3
<i>Dodonaea viscosa</i> Jacq.	Sapindaceae	P02291b	Leaves	DCM/MeOH (1:1)	1	1	5	5	65	14	32	0
<i>Ekebergia capensis</i> Sparrm.	Meliaceae	P03111b	Fruits	DCM/MeOH (1:1)	99	12	0	0	96	20	81	17
<i>Ekebergia capensis</i> Sparrm.	Meliaceae	P03112b	Twigs	DCM/MeOH (1:1)	58	0	0	0	68	7	44	4
<i>Ekebergia capensis</i> Sparrm.	Meliaceae	P03111c	Fruits	Aqueous	0	0	0	0	10	1	0	0
<i>Elephantorrhiza elephantina</i> (Burch.) Skeels	Fabaceae	P08224b	Roots	DCM/MeOH(1:1)	0	3	0	0	32	3	23	0
<i>Elephantorrhiza elephantina</i> (Burch.) Skeels	Fabaceae	P08224b	Leaves	DCM/MeOH(1:1)	2	0	0	3	27	6	35	0
<i>Elephantorrhiza elephantina</i> (Burch.) Skeels	Fabaceae	P08224c	roots	Aqueous	41	20	18	0	29	20	6	0
<i>Elephantorrhiza elephantina</i> (Burch.) Skeels	Fabaceae	P08225c	Leaves	Aqueous	7	12	0	1	22	7	4	0
<i>Euclea natalensis</i> A.DC.	Ebenaceae	P08226b	Stem bark	DCM/MeOH(1:1)	4	0	0	0	53	0	40	0
<i>Euclea natalensis</i> A.DC.	Ebenaceae	P08227b	Roots	DCM/MeOH(1:1)	98	0	0	0	43	0	80	17
<i>Euclea undulata</i> Thunb.	Ebenaceae	P09984b	Leaves	DCM/MeOH(1:1)	0	0	0	4	58	6	39	0
<i>Euclea undulata</i> Thunb.	Ebenaceae	P09985b	Twigs	DCM/MeOH(1:1)	4	0	7	5	35	5	66	0
<i>Eucomis autumnalis</i> (Mill.) Chitt.	Hyacinthaceae	P01463a	Flowers/Buds	DCM	2	0	0	0	96	33	23	2
<i>Eucomis autumnalis</i> (Mill.) Chitt.	Hyacinthaceae	P01463b	Flowers/Buds	DCM/MeOH (1:1)	7	9	55	0	29	7	3	0
<i>Eucomis autumnalis</i> (Mill.) Chitt.	Hyacinthaceae	P01463c	Flowers/Buds	Aqueous	18	19	0	0	16	8	0	0
<i>Euphorbia heterophylla</i> L.	Euphorbiaceae	P12864b	Whole plant	DCM/MeOH(1:1)	7	7	0	1	30	6	41	7
<i>Euphorbia tirucalli</i> L.	Euphorbiaceae	P00788a	Leaves	DCM	86	0	0	0	44	8	60	0

Plant species	Family	Project number	Plant part	Solvent	<i>T. brucei rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i>	
					% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)
<i>Euphorbia tirucalli</i> L.	Euphorbiaceae	P00788b	Leaves	DCM/MeOH (1:1)	0	0	0	0	22	0	15	3
<i>Euphorbia tirucalli</i> L.	Euphorbiaceae	P00788c	Leaves	MeOH	19	21	4	6	29	2	0	0
<i>Flacourtia indica</i> (Burm.f.) Merr.	Flacourtiaceae	P00904a	Roots	DCM	0	1	0	0	11	2	9	0
<i>Flacourtia indica</i> (Burm.f.) Merr.	Flacourtiaceae	P00904c	Roots	Aqueous	11	5	0	0	11	0	0	0
<i>Gloriosa superba</i> L.	Colchicaceae	P08215b	Whole plant	DCM/MeOH(1:1)	7	9	27	0	25	13	44	11
<i>Gloriosa superba</i> L.	Colchicaceae	P08215c	whole plant	Aqueous	0	17	23	0	12	4	0	0
<i>Gomphocarpus fruticosus</i> (L.) Aiton.f.	Apocynaceae	P09988b	Fruits	DCM/MeOH(1:1)	1	0	7	0	22	14	5	0
<i>Gomphocarpus fruticosus</i> (L.) Aiton.f.	Apocynaceae	P09989b	Leaves	DCM/MeOH(1:1)	9	1	3	3	21	11	23	0
<i>Helichrysum nudifolium</i> (L.) Less.	Asteraceae	P02847b	Whole plant	DCM/MeOH (1:1)	0	11	0	0	100	14	63	3
<i>Hippobromus pauciflorus</i> (L.f.) Radlk.	Sapindaceae	P12876b	Leaves	DCM/MeOH(1:1)	0	0	0	0	32	15	59	0
<i>Hippobromus pauciflorus</i> (L.f.) Radlk.	Sapindaceae	P12876c	Leaves	Aqueous	14	1	1	0	15	4	0	0
<i>Hippobromus pauciflorus</i> (L.f.) Radlk.	Sapindaceae	P12877b	Twigs	DCM/MeOH(1:1)	4	7	2	0	73	6	91	13
<i>Hypericum aethiopicum</i> Thunb.	Clusiaceae	P02817b	Leaves	DCM/MeOH (1:1)	99	75	6	3	100	55	100	33
<i>Hypericum aethiopicum</i> Thunb.	Clusiaceae	P02817c	Leaves	Aqueous	0	5	0	0	15	2	0	5
<i>Hyptis pectinata</i> (L.) Poit.	Lamiaceae	P02459b	Leaves	DCM/MeOH (1:1)	0	2	27	0	37	6	34	0
<i>Hyptis pectinata</i> (L.) Poit.	Lamiaceae	P02459c	Twigs/Leaves	Aqueous	9	1	2	3	32	27	7	1
<i>Justicia flava</i> (Vahl) Vahl	Acanthaceae	P05636b	Whole plant	DCM/MeOH (1:1)	0	12	0	0	12	0	21	0
<i>Kigelia africana</i> (Lam.) Benth.	Bignoniaceae	P00692a	Leaves	DCM	12	12	0	0	33	3	6	0
<i>Kigelia africana</i> (Lam.) Benth.	Bignoniaceae	P00692b	Leaves	DCM/MeOH (1:1)	15	4	0	0	10	9	6	0
<i>Kirkia wilmsii</i> Engl.	Kirkiaceae	P13041c	Leaves	Aqueous	0	0	0	0	18	7	61	0
<i>Leonotis leonurus</i> (L.) R.Br.	Lamiaceae	P03268b	Twigs	DCM/MeOH (1:1)	3	13	0	0	48	0	86	8
<i>Leonotis leonurus</i> (L.) R.Br.	Lamiaceae	P03269b	Leaves	DCM/MeOH (1:1)	32	9	0	0	85	5	81	16
<i>Leonotis leonurus</i> (L.) R.Br.	Lamiaceae	P02414c	roots	Aqueous	7	8	1	1	32	26	8	0
<i>Leonotis leonurus</i> (L.) R.Br.	Lamiaceae	P03268c	Twigs	Aqueous	5	0	0	1	12	2	0	0
<i>Leonotis leonurus</i> (L.) R.Br.	Lamiaceae	P03269c	Leaves	Aqueous	17	0	0	0	13	3	0	0
<i>Leonotis ocymifolia</i> (Burm.f.) Iwarsson var. <i>raineriana</i> (Vis.) Iwarsson	Lamiaceae	P14867b	Whole plant	DCM/MeOH(1:1)	98	14	0	0	36	5	39	0
<i>Leonotis ocymifolia</i> (Burm.f.) Iwarsson var. <i>raineriana</i> (Vis.) Iwarsson	Lamiaceae	P00480d	Leaves	Aqueous	7	7	4	7	16	1	0	0

Plant species	Family	Project number	Plant part	Solvent	<i>T. brucei rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i>	
					% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)
<i>Leonotis ocymifolia</i> (Burm.f.) Iwarsson var. raineriana (Vis.) Iwarsson	Lamiaceae	P00481d	Fruits	Aqueous	0	3	0	0	26	10	0	0
<i>Leonotis ocymifolia</i> (Burm.f.) Iwarsson var. raineriana (Vis.) Iwarsson	Lamiaceae	P00482c	Roots	MeOH	1	2	0	0	14	0	1	0
<i>Leonotis ocymifolia</i> (Burm.f.) Iwarsson var. raineriana (Vis.) Iwarsson	Lamiaceae	P00482d	Roots	Aqueous	0	0	0	0	0	0	0	0
<i>Leonotis ocymifolia</i> var. <i>ocymifolia</i> (Burm.f.) Iwarsson	Lamiaceae	P00480a	Leaves	DCM	100	13	0	0	54	10	74	9
<i>Leonotis ocymifolia</i> var. <i>ocymifolia</i> (Burm.f.) Iwarsson	Lamiaceae	P00480b	Leaves	DCM/MeOH (1:1)	99	22	0	0	60	9	81	1
<i>Leonotis ocymifolia</i> var. <i>ocymifolia</i> (Burm.f.) Iwarsson	Lamiaceae	P00480c	Leaves	MeOH	20	27	0	0	46	11	66	4
<i>Leonotis ocymifolia</i> var. <i>ocymifolia</i> (Burm.f.) Iwarsson	Lamiaceae	P00481a	Fruits	DCM	13	13	0	0	49	8	36	3
<i>Leonotis ocymifolia</i> var. <i>ocymifolia</i> (Burm.f.) Iwarsson	Lamiaceae	P00481b	Fruits	DCM/MeOH (1:1)	0	0	0	0	36	4	7	0
<i>Leonotis ocymifolia</i> var. <i>ocymifolia</i> (Burm.f.) Iwarsson	Lamiaceae	P00481c	Fruits	MeOH	0	0	1	0	21	8	6	0
<i>Leonotis ocymifolia</i> var. <i>ocymifolia</i> (Burm.f.) Iwarsson	Lamiaceae	P00482a	Roots	DCM	20	11	0	0	37	0	22	0
<i>Leonotis ocymifolia</i> var. <i>ocymifolia</i> (Burm.f.) Iwarsson	Lamiaceae	P00482b	Roots	DCM/MeOH (1:1)	14	5	0	0	5	0	9	0
<i>Leucas martinicensis</i> (L.) R.Br.	Lamiaceae	P12950b	Whole plant	DCM/MeOH(1:1)	91	19	4	12	53	12	84	10
<i>Leucas martinicensis</i> (L.) R.Br.	Lamiaceae	P12950c	whole plant	Aqueous	9	6	6	8	30	20	2	0
<i>Macrostylis squarrosa</i> Bartl. & H.L. Wendl.	Rutaceae	P02402b	Stem bark	DCM/MeOH (1:1)	8	7	0	0	41	0	79	13
<i>Maesa lanceolata</i> Forssk.	Maesaceae	P12946c	Twigs	Aqueous	0	0	8	6	27	19	6	4
<i>Maytenus senegalensis</i> (Lam.) Exell.	Celastraceae	P00690a	Roots	DCM	14	2	0	0	28	8	35	0
<i>Maytenus senegalensis</i> (Lam.) Exell.	Celastraceae	P00693a	Stem bark	DCM	0	6	0	0	24	0	25	1
<i>Maytenus senegalensis</i> (Lam.) Exell.	Celastraceae	P00693b	Stem bark	DCM/MeOH (1:1)	11	11	0	0	19	0	5	0
<i>Maytenus senegalensis</i> (Lam.) Exell.	Celastraceae	P00693d	Stem bark	Aqueous	0	1	2	0	10	0	0	0
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00151b	Leaves	DCM/MeOH (1:1)	0	12	0	0	46	5	24	18
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00152a	Stem bark	DCM	18	13	3	0	83	17	26	5
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00152b	Stem bark	DCM/MeOH (1:1)	0	2	0	0	54	10	11	6
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00153a	Roots	DCM	1	6	0	0	99	30	42	0
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00153b	Roots	DCM/MeOH (1:1)	6	7	0	0	82	16	17	0
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00153c	Roots	MeOH	0	2	0	0	29	2	5	0
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00151c	Leaves	MeOH	4	7	0	0	19	4	14	9

Plant species	Family	Project number	Plant part	Solvent	<i>T. brucei rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i>	
					% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00152c	Stem bark	MeOH	0	2	4	3	39	14	6	0
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00151a	Leaves	DCM	3	9	0	0	41	0	8	0
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00151d	Leaves	Aqueous	3	0	9	9	17	0	0	0
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00152d	Stem bark	Aqueous	0	0	13	3	16	11	0	0
<i>Maytenus undata</i> (Thunb.) Blakelock	Celastraceae	P00153d	Roots	Aqueous	9	0	14	4	20	13	0	0
<i>Momordica balsamina</i> L.	Cucurbitaceae	P04038b	Stem bark	DCM/MeOH (1:1)	2	1	0	0	34	3	83	17
<i>Momordica balsamina</i> L.	Cucurbitaceae	P04039b	Leaves	DCM/MeOH (1:1)	21	23	0	0	49	8	65	5
<i>Ocimum americanum</i> L. var. <i>Americanum</i>	Lamiaceae	P12866b	Whole plant	DCM/MeOH(1:1)	0	4	0	0	30	2	100	0
<i>Olea europaea</i> L. subsp. <i>africana</i> (Mill.) P.S.Green	Oleaceae	P12848b	Leaves	DCM/MeOH(1:1)	55	0	15	6	52	8	46	0
<i>Olea europaea</i> L. subsp. <i>africana</i> (Mill.) P.S.Green	Oleaceae	P12849b	Twigs	DCM/MeOH(1:1)	46	0	10	4	44	13	50	0
<i>Osteospermum imbricatum</i> L.	Asteraceae	P02640b	Stem bark	DCM/MeOH (1:1)	7	13	3	2	51	3	93	3
<i>Parinari curatellifolia</i> Planch. ex Benth.	Chrysobalanaceae	P00253a	Leaves	DCM	0	3	0	0	67	22	53	0
<i>Parinari curatellifolia</i> Planch. ex Benth.	Chrysobalanaceae	P00253b	Leaves	DCM/MeOH (1:1)	19	5	0	0	26	0	9	0
<i>Parinari curatellifolia</i> Planch. ex Benth.	Chrysobalanaceae	P00253c	Leaves	MeOH	0	1	0	0	11	0	0	0
<i>Parinari curatellifolia</i> Planch. ex Benth.	Chrysobalanaceae	P00253d	Leaves	Aqueous	0	8	0	0	17	7	3	0
<i>Parinari curatellifolia</i> Planch. ex Benth.	Chrysobalanaceae	P00254b	Roots	DCM/MeOH (1:1)	0	12	0	0	27	11	23	0
<i>Parinari curatellifolia</i> Planch. ex Benth.	Chrysobalanaceae	P00254c	Roots	MeOH	14	8	0	0	23	14	12	0
<i>Parinari curatellifolia</i> Planch. ex Benth.	Chrysobalanaceae	P00254d	Roots	Aqueous	9	7	0	0	14	2	0	2
<i>Parkinsonia aculeata</i> L.	Fabaceae	P09990b	Twigs	DCM/MeOH(1:1)	6	2	0	3	26	3	32	0
<i>Pelargonium alchemilloides</i> (L.) L'Hér.	Gentianaceae	P08205b	Whole plant	DCM/MeOH(1:1)	7	11	0	0	33	8	87	10
<i>Pentzia globosa</i> Less.	Asteraceae	P01514a	Leaves	DCM	91	0	7	0	84	2	63	8
<i>Pentzia globosa</i> Less.	Asteraceae	P01514b	Leaves	DCM/MeOH (1:1)	0	0	0	3	26	0	39	0
<i>Pentzia globosa</i> Less.	Asteraceae	P01514c	Leaves	Aqueous	9	0	2	0	25	4	6	15
<i>Pentzia globosa</i> Less.	Asteraceae	P01516a	Roots	DCM	99	7	10	9	63	18	96	21
<i>Pentzia globosa</i> Less.	Asteraceae	P01516b	Roots	DCM/MeOH (1:1)	98	3	4	1	36	0	62	7
<i>Pentzia globosa</i> Less.	Asteraceae	P01517a	Stem bark	DCM	99	0	8	0	34	12	76	5
<i>Pentzia globosa</i> Less.	Asteraceae	P01517b	Stem bark	DCM/MeOH (1:1)	100	0	0	0	16	0	30	0
<i>Ptilostigma thonningii</i> (Schumach.) Milne-Redh	Fabaceae	P18548c	Fruits	Aqueous	17	3	1	0	20	5	0	0

Plant species	Family	Project number	Plant part	Solvent	<i>T. brucei rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i>	
					% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)
<i>Piliostigma thonningii</i> (Schumach.) Milne-Redh	Fabaceae	P18547c	Leaves	Aqueous	24	27	0	0	21	8	6	0
<i>Piliostigma thonningii</i> (Schumach.) Milne-Redh	Fabaceae	P18549c	Twigs	Aqueous	19	6	4	0	22	3	0	0
<i>Pittosporum viridiflorum</i> Sims	Pittosporaceae	P00213b	Whole plant	DCM/MeOH (1:1)	50	11	0	0	29	11	59	3
<i>Pittosporum viridiflorum</i> Sims	Pittosporaceae	P00213c	Whole plant	MeOH	0	4	0	2	15	9	15	0
<i>Pittosporum viridiflorum</i> Sims	Pittosporaceae	P00215a	Leaves	DCM	7	5	0	0	31	7	25	3
<i>Pittosporum viridiflorum</i> Sims	Pittosporaceae	P00215b	Leaves	DCM/MeOH (1:1)	1	0	0	0	4	0	0	0
<i>Pittosporum viridiflorum</i> Sims	Pittosporaceae	P00215c	Leaves	MeOH	0	5	0	0	23	9	0	0
<i>Plantago major</i> L.	Plantaginaceae	P01571b	Whole plant	DCM/MeOH (1:1)	0	0	0	0	18	5	16	1
<i>Plumbago zeylanica</i> L.	Plumbaginaceae	P00630a	Roots	DCM	20	19	0	0	20	0	16	0
<i>Plumbago zeylanica</i> L.	Plumbaginaceae	P00630b	Roots	DCM/MeOH (1:1)	11	9	0	0	8	0	19	0
<i>Plumbago zeylanica</i> L.	Plumbaginaceae	P00630c	Roots	MeOH	19	9	0	0	12	0	0	10
<i>Plumbago zeylanica</i> L.	Plumbaginaceae	P00631b	Leaves	DCM/MeOH (1:1)	97	8	0	0	32	2	32	8
<i>Pollichia campestris</i> Aiton	Illecebraceae	P00390b	Leaves	DCM/MeOH (1:1)	0	8	6	3	25	3	23	0
<i>Pollichia campestris</i> Aiton	Illecebraceae	P00390c	Leaves	MeOH	18	9	0	0	18	6	0	0
<i>Pollichia campestris</i> Aiton	Illecebraceae	P00391a	Fruits	DCM	4	0	0	0	42	6	58	0
<i>Pollichia campestris</i> Aiton	Illecebraceae	P00391b	Fruits	DCM/MeOH (1:1)	4	8	0	0	22	6	7	0
<i>Pollichia campestris</i> Aiton	Illecebraceae	P00391c	Leaves	MeOH	13	16	0	0	27	2	3	0
<i>Pollichia campestris</i> Aiton	Illecebraceae	P03065b	Whole plant	DCM/MeOH (1:1)	9	10	0	0	51	0	84	8
<i>Pollichia campestris</i> Aiton	Illecebraceae	P00390d	Leaves	Aqueous	0	0	0	0	16	6	0	0
<i>Pollichia campestris</i> Aiton	Illecebraceae	P03065c	whole plant	Aqueous	0	0	0	0	15	0	0	0
<i>Pollichia campestris</i> Aiton	Illecebraceae	P03318c	Twigs	Aqueous	19	0	0	1	17	2	0	0
<i>Psiadia punctulata</i> (DC.) Oliv. & Hiern ex Vatke	Asteraceae	P00819b	Leaves	DCM/MeOH (1:1)	19	3	0	0	48	8	35	4
<i>Psiadia punctulata</i> (DC.) Oliv. & Hiern ex Vatke	Asteraceae	P02527b	Whole plant	DCM/MeOH (1:1)	24	0	10	4	48	8	49	0
<i>Ptaeroxylon obliquum</i> (Thunb.) Radlk.	Ptaeroxylaceae	P01842a	Roots	DCM	10	13	9	5	35	1	44	1
<i>Ptaeroxylon obliquum</i> (Thunb.) Radlk.	Ptaeroxylaceae	P01842b	Roots	DCM/MeOH (1:1)	5	12	10	0	45	12	57	4
<i>Ptaeroxylon obliquum</i> (Thunb.) Radlk.	Ptaeroxylaceae	P01870a	Leaves	DCM	100	0	0	0	55	5	41	5
<i>Ptaeroxylon obliquum</i> (Thunb.) Radlk.	Ptaeroxylaceae	P01870b	Leaves	DCM/MeOH (1:1)	0	0	0	0	19	2	24	0
<i>Ptaeroxylon obliquum</i> (Thunb.) Radlk.	Ptaeroxylaceae	P01890a	Stem bark	DCM	10	0	0	0	53	1	80	17

Plant species	Family	Project number	Plant part	Solvent	<i>T. brucei rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i>	
					% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)
<i>Ptaeroxylon obliquum</i> (Thunb.) Radlk.	Ptaeroxylaceae	P01890b	Stem bark	DCM/MeOH (1:1)	30	5	0	0	40	4	65	13
<i>Pterocarpus angolensis</i> DC.	Fabaceae	P00304b	Stem bark	DCM/MeOH (1:1)	0	7	0	0	17	9	0	0
<i>Pterocarpus angolensis</i> DC.	Fabaceae	P00304c	Stem bark	MeOH	7	6	0	0	16	6	1	1
<i>Pterocarpus angolensis</i> DC.	Fabaceae	P00305b	Roots	DCM/MeOH (1:1)	18	0	0	0	21	5	17	0
<i>Pterocarpus angolensis</i> DC.	Fabaceae	P00305c	Roots	MeOH	16	2	0	0	12	0	0	0
<i>Rauvolfia caffra</i> Sond.	Apocynaceae	P00734a	Roots	DCM	100	8	0	3	3	0	45	0
<i>Rauvolfia caffra</i> Sond.	Apocynaceae	P00734b	Fruits	DCM/MeOH (1:1)	5	9	0	0	24	1	20	4
<i>Rauvolfia caffra</i> Sond.	Apocynaceae	P00735b	Roots	DCM/MeOH (1:1)	6	0	0	0	15	1	10	0
<i>Rauvolfia caffra</i> Sond.	Apocynaceae	P00735d	Roots	Aqueous	6	7	0	0	13	0	0	0
<i>Rauvolfia caffra</i> Sond.	Apocynaceae	P00735a	Fruits	DCM	13	16	0	1	20	8	15	0
<i>Ricinus communis</i> L. var. <i>communis</i>	Euphorbiaceae	P02300b	Leaves	DCM/MeOH (1:1)	0	4	0	0	63	1	56	10
<i>Ricinus communis</i> L. var. <i>communis</i>	Euphorbiaceae	P02311b	Fruits	DCM/MeOH (1:1)	5	1	0	0	7	0	13	0
<i>Ricinus communis</i> L. var. <i>communis</i>	Euphorbiaceae	P02355b	Stem bark	DCM/MeOH (1:1)	0	0	0	0	46	0	79	14
<i>Ricinus communis</i> L. var. <i>communis</i>	Euphorbiaceae	P02300c	Leaves	Aqueous	7	2	11	1	35	22	2	7
<i>Ricinus communis</i> L. var. <i>communis</i>	Euphorbiaceae	P02311c	Fruits	Aqueous	8	5	10	0	40	27	7	0
<i>Ricinus communis</i> L. var. <i>communis</i>	Euphorbiaceae	P02355c	Stem bark	Aqueous	5	10	0	0	38	28	7	0
<i>Rumex crispus</i> L.	Polygonaceae	P01689b	Roots	DCM/MeOH (1:1)	0	0	0	0	20	8	21	5
<i>Rumex crispus</i> L.	Polygonaceae	P01634a	Leaves	DCM	2	0	0	0	12	4	10	2
<i>Rumex crispus</i> L.	Polygonaceae	P01634b	Leaves	DCM/MeOH (1:1)	0	4	0	0	19	0	0	0
<i>Rumex crispus</i> L.	Polygonaceae	P01689a	Roots	DCM	1	4	0	0	28	5	55	5
<i>Rumex sagittatus</i> Thunb.	Polygonaceae	P12875b	Whole plant	DCM/MeOH(1:1)	7	0	4	0	19	4	38	0
<i>Salvia repens</i> Burch. ex Benth.	Lamiaceae	P08214b	Whole plant	DCM/MeOH(1:1)	21	7	3	1	101	35	63	2
<i>Scaevola plumieri</i> (L.) Vahl	Goodeniaceae	P08206b	Twigs	DCM/MeOH(1:1)	7	10	0	1	27	5	22	0
<i>Schefflera umbellifera</i> (Sond.) Baill.	Araliaceae	P00245b	Leaves	DCM/MeOH (1:1)	23	8	0	0	69	16	64	16
<i>Schefflera umbellifera</i> (Sond.) Baill.	Araliaceae	P00245c	Leaves	MeOH	8	11	0	0	39	11	24	5
<i>Schefflera umbellifera</i> (Sond.) Baill.	Araliaceae	P00246a	Roots	DCM	0	11	0	0	80	16	26	9
<i>Schefflera umbellifera</i> (Sond.) Baill.	Araliaceae	P00246b	Roots	DCM/MeOH (1:1)	0	16	0	0	71	15	39	6
<i>Schefflera umbellifera</i> (Sond.) Baill.	Araliaceae	P00248a	Stem bark	DCM	5	0	9	0	57	9	46	5

Plant species	Family	Project number	Plant part	Solvent	<i>T. brucei rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i>	
					% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)
<i>Schefflera umbellifera</i> (Sond.) Baill.	Araliaceae	P00248b	Stem bark	DCM/MeOH (1:1)	0	0	0	0	49	12	28	0
<i>Schefflera umbellifera</i> (Sond.) Baill.	Araliaceae	P00248c	Stem bark	MeOH	10	6	0	0	28	6	3	0
<i>Schefflera umbellifera</i> (Sond.) Baill.	Araliaceae	P00248d	Stem bark	Aqueous	13	15	9	10	17	9	0	0
<i>Senecio oxyriifolius</i> DC.	Asteraceae	P08209b	Whole plant	DCM/MeOH(1:1)	0	7	9	0	32	10	51	6
<i>Senna didymobotrya</i> (Fresen.) Irwin & Barneby	Fabaceae	P08219b	Leaves	DCM/MeOH(1:1)	13	0	0	3	31	1	36	3
<i>Senna didymobotrya</i> (Fresen.) Irwin & Barneby	Fabaceae	P08220b	Twigs	DCM/MeOH(1:1)	22	17	0	0	39	5	54	10
<i>Senna didymobotrya</i> (Fresen.) Irwin & Barneby	Fabaceae	P08221b	Pods	DCM/MeOH(1:1)	10	2	0	0	29	8	34	3
<i>Senna didymobotrya</i> (Fresen.) Irwin & Barneby	Fabaceae	P08220c	Twigs	Aqueous	11	8	11	2	30	15	0	0
<i>Senna didymobotrya</i> (Fresen.) Irwin & Barneby	Fabaceae	P08219c	Leaves	Aqueous	3	3	0	0	13	3	0	0
<i>Senna petersiana</i> (Bolle) Lock	Fabaceae	P18564c	Leaves	Aqueous	2	0	3	4	28	23	0	1
<i>Senna petersiana</i> (Bolle) Lock	Fabaceae	P18565c	Twigs	Aqueous	0	2	15	8	31	21	0	0
<i>Setaria megaphylla</i> (Steud.) T.Durand & Schinz	Poaceae	P12880b	Whole plant	DCM/MeOH(1:1)	18	2	4	7	34	4	100	19
<i>Spilanthes mauritiana</i> (Pers.) DC.	Asteraceae	P00274a	Stem bark	DCM	11	10	0	0	60	9	71	1
<i>Spilanthes mauritiana</i> (Pers.) DC.	Asteraceae	P00274b	Stem bark	DCM/MeOH (1:1)	2	11	0	0	35	9	30	1
<i>Spilanthes mauritiana</i> (Pers.) DC.	Asteraceae	P00274c	Stem bark	MeOH	4	0	0	0	17	1	0	0
<i>Syzigium cordatum</i> Hochst. ex Sond. var. <i>cordatum</i>	Myrtaceae	P18315c	Twigs	Aqueous	13	16	2	8	15	6	17	0
<i>Syzigium cordatum</i> Hochst. ex Sond. var. <i>cordatum</i>	Myrtaceae	P18315b	Twigs	DCM/MeOH(1:1)	0	1	0	0	51	16	54	11
<i>Syzigium cordatum</i> Hochst. ex Sond. var. <i>cordatum</i>	Myrtaceae	P18316b	Leaves	DCM/MeOH(1:1)	0	5	0	0	57	12	42	0
<i>Syzigium cordatum</i> Hochst. ex Sond. var. <i>cordatum</i>	Myrtaceae	P18316c	Leaves	Aqueous	0	0	0	0	9	0	84	0
<i>Tarconanthus camphoratus</i> L.	Asteraceae	P01089a	Leaves	DCM	86	0	7	1	75	16	76	2
<i>Tarconanthus camphoratus</i> L.	Asteraceae	P01089b	Leaves	DCM/MeOH (1:1)	14	0	0	0	62	8	42	0
<i>Tarconanthus camphoratus</i> L.	Asteraceae	P01154b	Roots	DCM/MeOH (1:1)	95	0	0	0	52	1	18	4
<i>Tarconanthus camphoratus</i> L.	Asteraceae	P02554b	Whole plant	DCM/MeOH (1:1)	99	64	6	1	100	25	49	0
<i>Tetradenia riparia</i> (Hochst.) Codd	Lamiaceae	P00741a	Leaves	DCM	0	0	0	2	36	0	38	0
<i>Tetradenia riparia</i> (Hochst.) Codd	Lamiaceae	P00741b	Leaves	DCM/MeOH(1:1)	6	0	2	2	16	0	7	7
<i>Tetradenia riparia</i> (Hochst.) Codd	Lamiaceae	P00741d	Leaves	Aqueous	0	7	4	7	9	0	0	0
<i>Trichilia emetica</i> Vahl subsp. <i>emetica</i>	Meliaceae	P02470c	Twigs/Leaves	Aqueous	13	6	0	0	15	7	1	0
<i>Turraea floribunda</i> Hochst.	Meliaceae	P15192c	Leaves	Aqueous	24	27	0	2	21	5	1	4

Plant species	Family	Project number	Plant part	Solvent	<i>T. brucei rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i>	
					% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)	% inhibition (9.7 µg/mL)	% inhibition (1.8 µg/mL)
<i>Vangueria infausta</i> Burch. subsp. <i>infausta</i>	Rubiaceae	P02497b	Fruits	DCM/MeOH (1:1)	3	4	0	0	33	0	33	0
<i>Vernonia colorata</i> (Willd.) Drake subsp. <i>colorata</i>	Asteraceae	P18569c	Twigs	Aqueous	0	6	6	8	29	19	1	0
<i>Vernonia fastigiata</i> Oliv. & Hiern	Asteraceae	P00393b	Leaves	DCM/MeOH (1:1)	58	4	0	0	29	0	30	0
<i>Vernonia fastigiata</i> Oliv. & Hiern	Asteraceae	P00393c	Leaves	MeOH	10	11	0	0	24	8	21	0
<i>Vernonia hirsuta</i> (DC.) Sch.Bip. Ex Walp.	Asteraceae	P02834b	Whole plant	DCM/MeOH (1:1)	99	5	0	0	81	6	46	0
<i>Vernonia myriantha</i> Hook.f.	Asteraceae	P00170a	Roots	DCM	0	0	0	0	19	0	21	0
<i>Vernonia myriantha</i> Hook.f.	Asteraceae	P00170b	Roots	DCM/MeOH (1:1)	6	15	0	0	31	10	16	5
<i>Vernonia myriantha</i> Hook.f.	Asteraceae	P00170d	Roots	Aqueous	7	8	0	0	17	6	16	8
<i>Vernonia myriantha</i> Hook.f.	Asteraceae	P00171a	Leaves	DCM	5	10	0	0	34	10	35	1
<i>Vernonia myriantha</i> Hook.f.	Asteraceae	P00171b	Leaves	DCM/MeOH (1:1)	6	10	0	0	23	9	11	0
<i>Vernonia myriantha</i> Hook.f.	Asteraceae	P00170c	Roots	MeOH	10	0	0	0	22	4	0	0
<i>Vernonia natalensis</i> Sch.Bip. ex Walp.	Asteraceae	P08212b	Whole plant	DCM/MeOH(1:1)	100	5	1	2	46	8	57	10
<i>Vernonia oligocephala</i> (DC.) Sch.Bip. ex Walp.	Asteraceae	P00989b	Roots	DCM/MeOH (1:1)	0	0	3	0	13	1	24	0
<i>Vernonia oligocephala</i> (DC.) Sch.Bip. ex Walp.	Asteraceae	P01015a	Leaves	DCM	99	78	23	0	60	4	89	11
<i>Vernonia oligocephala</i> (DC.) Sch.Bip. ex Walp.	Asteraceae	P01015b	Leaves	DCM/MeOH (1:1)	99	0	0	0	21	6	29	0
<i>Ximenia caffra</i> Sond. var. <i>caffra</i>	Olivaceae	P00351a	Leaves	DCM	0	7	0	0	31	6	12	0
<i>Ximenia caffra</i> Sond. var. <i>caffra</i>	Olivaceae	P00351b	Leaves	DCM/MeOH (1:1)	0	7	0	0	16	10	6	0
<i>Ximenia caffra</i> Sond. var. <i>caffra</i>	Olivaceae	P00351d	Leaves	Aqueous	8	11	5	4	17	0	0	0
<i>Ximenia caffra</i> Sond. var. <i>caffra</i>	Olivaceae	P00352a	Roots	DCM	5	12	0	0	21	4	1	0
<i>Ximenia caffra</i> Sond. var. <i>caffra</i>	Olivaceae	P00352b	Roots	DCM/MeOH(1:1)	1	2	0	0	16	8	0	0
<i>Ximenia caffra</i> Sond. var. <i>caffra</i>	Olivaceae	P00352c	Roots	MeOH	1	7	0	0	19	4	0	0
<i>Xysmalobium undulatum</i> (L.) Aiton.f.	Apocynaceae	P12869b	Whole plant	DCM/MeOH(1:1)	8	10	0	0	30	0	28	0
<i>Zehneria scabra</i> (L.f.) Sond. subsp. <i>scabra</i>	Cucurbitaceae	P08210b	Whole plant	DCM/MeOH(1:1)	5	8	9	6	22	0	21	5
<i>Zehneria scabra</i> (L.f.) Sond. subsp. <i>scabra</i>	Cucurbitaceae	P08210c	whole plant	Aqueous	28	0	0	4	17	13	0	4