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Selenocysteine

National Cancer Institute

Source

National Cancer Institute. *Selenocysteine*. NCI Thesaurus. Code C1223.

An unusual amino acid of proteins, the selenium analogue of cysteine, in which a selenium atom replaces sulphur. Involved in the catalytic mechanism of seleno enzymes such as formate dehydrogenase of *E. coli* and mammalian glutathione peroxidase.