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Sulfotransferase

National Cancer Institute

Source

National Cancer Institute. *Sulfotransferase*. NCI Thesaurus. Code C17171.

Enzymes that catalyze the transfer of a sulfate group from 3'-phosphoadenylyl sulfate (active sulfate) to the hydroxyl group of an acceptor, which produces the sulfated derivative and 3'-phosphoadenosine 5'-phosphate. The enzymes are also involved in both the posttranslational sulfation of proteins and sulfate conjugation of exogenous chemicals and bile acids.