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# Sphingosine 1-Phosphate

National Cancer Institute

## Source

National Cancer Institute. *Sphingosine 1-Phosphate*. NCI Thesaurus. Code C126907.

A bioactive sphingolipid comprised of a sphingosine with a phosphate group attached to the carbon at position 1. Sphingosine 1-phosphate (S1P) binds to G protein-coupled S1P receptors (S1PRs) and initiates signaling pathways involved in the regulation of angiogenesis, the proliferation of skin cells, vascular stability and permeability, and T- and B-cell trafficking.