

Product Information

Alkyne sphinganine

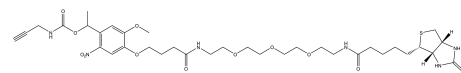
Cat. No.: X24-09-YYX110

Size: 1 mg; 5 mg; 25 mg

CAS Number: 1417790-98-7

Synonym: 1417790-98-7;(2S,3R)-2-aminooctadec-17-yne-1,3-diol

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Alkyne sphinganine is a sphingoid base with an alkyne functionality. It can be employed in lipid research and as a building block for the synthesis of complex sphingolipids. Its alkyne group enables specific chemical modifications through click chemistry, facilitating studies on lipid metabolism and cell signaling.
Molecular Weight	297.5
Molecular Formula	C ₁₈ H ₃₅ NO ₂
Functional Group 1	Alkenyl
Functional Group 2	Amine
Functional Group 3	Hydroxyl
Reactive Group 1	Hydroxyl
Reactive Group 2	Acid
Reactive Group 3	Alkenyl
Form	Solid
Solubility	DMSO, DMF
Identity	Confirmed by NMR.
Applications	Alkyne sphinganine can be used in studies related to sphingolipid metabolism and signaling pathways, or as a building block in the synthesis of related compounds for research purposes.
Storage	Store at -20°C.