

Antibacterial agent 32 Biochemical

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CATALOG #
AAA227715

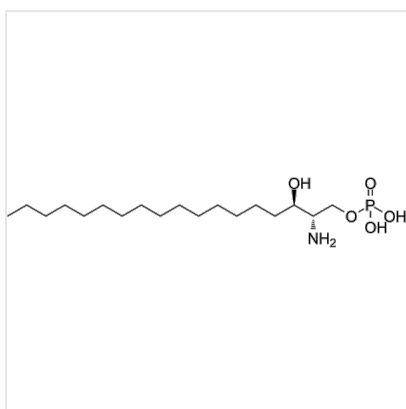
PRODUCT SYNONYMS

Antibacterial agent 32; D-erythro-Dihydrosphingosine 1-phosphate; Antibacterial agent 32 biochemical

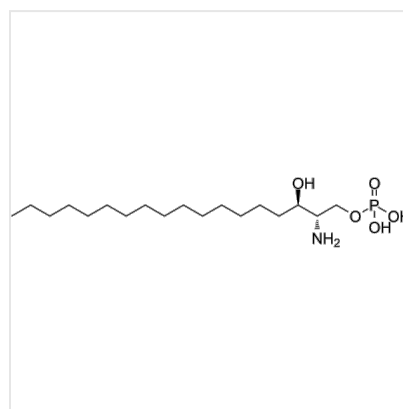
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1436862-65-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Sphinganine 1-phosphate, CAS 19794-97-9



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ADDITIONAL INFORMATION

Related Product Information for Antibacterial agent 32 biochemical	Antibacterial agent 32 (example 43) is an antibacterial agent with MIC values of 1 mcg/mL, 2 mcg/mL, and 8 mcg/mL against E. coli strains 13351, M 50 and 7 MP, respectively (WO2013030733A1).
References	1. Montserrat Serra, et al. Sphingosine 1-phosphate lyase, a key regulator of sphingosine 1-phosphate signaling and function. <i>Adv Enzyme Regul.</i> 2010;50(1):349-62. 2. Sang Won Park, et al. Sphinganine-1-phosphate protects kidney and liver after hepatic ischemia and reperfusion in mice through S1P1 receptor activation. <i>Lab Invest.</i> 2010 Aug;90(8):1209-24.

NCBI AND UNIPROT INFORMATION

Molecular Weight	381.494
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

