Sphingosine phosphorylcholine Inhibitor

PRODUCT OVERVIEW

Product Name	Sphingosine phosphorylcholine, Inhibitor
Full Product Name	Sphingosine phosphorylcholine
Purity/Purification	98%
Preparation and Storage	Powder: -2 degree C for 3 years In solvent: -80 degree C for 2 years
Molecular Weight	501.09
SMILES	[Cl-].CCCCCCCCCCCCC\C=C\[C@@H](O)[C@@H](N)COP(O)(=O)OCC[N+](C)(C)C
Formula	C23H50ClN2O5P
CAS Number	10216-23-6
Solubility	(<1mg/mL refers to the product slightly soluble or insoluble)
Related Product Information for Sphingosine phosphorylcholine, inhibitor	MBS5784194 is an inhibitor targeting Sphingosine phosphorylcholine. Sphingosine phosphorylcholine is a wound healing agent.
Product References and Citations for Sphingosine phosphorylcholine, inhibitor	1 Yamawak H Nove Regulator Mechanis fo Differentiatio o Mesenchyma Ste Cell Redo Stat o DJ- Matters Proteomics 201 Jan 8(1) doi 10.1002/pmic.201700345 PubMe PMID 29194978. 2 Bae S Le KP Jun SH Cu L K K Ki B Wo KJ DJ- Regulate Differentiatio o PUMA Mesenchyma Ste Cell int Smoot Muscle-lik Cell i Respons t Sphingosylphosphorylcholine Proteomics 201 Nov 7(21) doi 10.1002/pmic.201700208 PubMe PMID 28949093. 3 Kucha L Sikor J Gulinell ME Poupetov H Lugowsk A Malinov V Jahnov H Asfa B Ledvinov J Quantitatio o plasmati lysosphingomyeli an lysosphingomyelin-50 fo differentia screenin o Niemann-Pic A/ an diseases Ana Biochem 201 Ma 15 25:73-77 doi 10.1016/j.ab.2017.02.019 Epu 201 Ma 1 PubMe PMID 28259515. 4 Ki HJ Byu HJ Par MK Ki EJ Kan GJ Le CH Nove involvemen o RhebL i sphingosylphosphorylcholine-induce kerati phosphorylatio an reorganization Bindin t an activatio o AKT1 Oncotarget 201 Ma 28 (13):20851-20864 doi 10.18632/oncotarget.15364 PubMe PMID 28209923 PubMe Centra PMCID PMC5400551.
Other Notes	Small volumes of Sphingosine phosphorylcholine, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Structure of Sphingosine phosphorylcholine, inhibitor
Sphingosine phosphorylcholine, CAS 10216-23-6



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Online datasheet: https://www.mybiosource.com/inhibitor/sphingosine-phosphorylcholine/5784194