



Product Information

Sphingosylphosphorylcholine

Cat. No.: XGB740

Size: 10 mg; 25 mg

MDL: MFCD02259287

CAS Number: 1670-26-4

PubChem Substance ID: 24899596

NACRES: NA.77

Synonym:

(2S,3R,4E)-2-Amino-4-octadecene-3-hydroxy-1-phosphocholine,2-[[[(2-Amino-3-hydroxy-4-octadecenyl)oxy]hydroxy-phosphinyl]oxy]-N,N,N-trimethylethanaminium inner salt,D-erythro-Sphingosine phosphocholine,Lyso SM (d18:1),Lysosphingomyelin

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

Product Information

Empirical Formula	C23H49N2O5P
InChI	1S/C23H49N2O5P/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-23(26)22(24)21-30-31(27,28)29-20-19-25(2,3)4/h17-18,22-23,26H,5-16,19-21,24H2,1-4H3/b18-17+/t22-,23+/m0/s1
SMILES string	[H][C@]([C=C/CCCCCCCCCCCCC)(O)[C@@]([H])(N)COP([O-])(OCC[N+](C)(C)C)=O
Form	powder
Purity	≥98%, powder
Solubility	chloroform/methanol (2:1): complete 10 mg/ml, clear to slightly hazy, colorless to light yellow
Quality Level	200
Applications	Neurotrophic effects of Sphingosylphosphorylcholine were studied in cerebellar granule neurons of mice and PC-12 cells.
Storage	-20°C

Safety Information

Personal Protective Equipment	Eyeshields, Gloves, type N95 (US)
WGK Germany	WGK 3



CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com
