

Product Information

D-erythro-Dihydrosphingosine

Cat. No.: XGB734

Size: 10 mg; 50 mg

MDL: MFCD07371371

CAS Number: 764-22-7

PubChem Substance ID: 24893744

NACRES: NA.77

Synonym: Sphinganine

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

Product Information

Empirical Formula	C18H39NO2
InChI	1S/C18H39NO2/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-18(21)17(19)16-20/h17-18,20-21H,2-16,19H 2,1H3/t17-,18+/m0/s1
SMILES string	OC[C@@](N)([H])[C@]([H])(O)CCCCCCCCCCCCCCC
Biological Source	synthetic (organic)
Form	solid
Purity	≥98%
Solubility	DMSO: 25 mg/mL (warm)
Quality Level	200
Applications	can be used to:•As a standard lipid in quantitative determination•Measure serine palmitoyltransferase activity
Storage	-20°C

Safety Information

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