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DATASHEET

C2 Phytoceramide

Product overview

Name	C2 Phytoceramide
Cat No	HB0154
Biological action	Activator
Description	Ceramide-activated protein phosphatase (CAPP) activator

Biological Data

Biological description	Ceramide-activated protein phosphatase (CAPP) activator. A yeast ceramide. Disrupts yeast lipid rafts and integrity and inhibits yeast proliferation. Shows apoptotic actions on CHO cells.
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Solubility & Handling

Solubility overview	Soluble in DMSO (>25mg/ml, gentle warming) or ethanol (>25mg/ml)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	N-Acetyl-phytosphingosine
Molecular Weight	359.55
Chemical structure	
Molecular Formula	$C_{20}H_{41}N_1O_4$
CAS Number	475995-69-8
PubChem identifier	10451108
SMILES	<chem>CCCCCCCCCCCC[C@H]([C@H]([C@@H](CO)NC(=O)C)O)O</chem>