

Product datasheet

D,L-threo-PPMP, Glucosylceramide synthase inhibitor

ab144023

[1 Image](#)

Overview

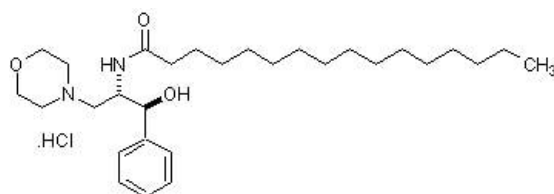
Product name	D,L-threo-PPMP, Glucosylceramide synthase inhibitor
Description	Glucosylceramide synthase inhibitor
Biological description	Glucosylceramide synthase inhibitor. Useful in ER anterograde trafficking studies. Anticancer and antimalarial (IC ₅₀ = 0.85 µM) agent. Active <i>in vitro</i> .

See similar compounds

Purity > 98%

CAS Number 149022-18-4

Chemical structure



Properties

Chemical name *N*-[(1*R*,2*R*)-1-Hydroxy-3-morpholin-4-yl-1-phenylpropan-2-yl]hexadecanamide hydrochloride

Molecular weight 511.19

Molecular formula C₂₉H₅₀N₂O₃.HCl

PubChem identifier 3008318

Storage instructions Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview Soluble in DMSO to 10 mM

Handling Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked](#)

[questions \(FAQ\) page](#) for more details.

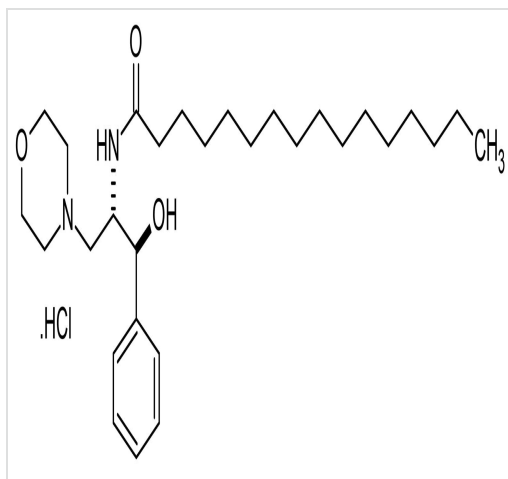
SMILES

Cl.CCCCCCCCCCCCCC(=O)N[C@H](CN1CCOCC1)[C@H](O)c2ccccc2

Source

Synthetic

Images



Chemical Structure - D,L-threo-PPMP,
Glucosylceramide synthase inhibitor (ab144023)

2D chemical structure image of ab144023, D,L-threo-PPMP,
Glucosylceramide synthase inhibitor

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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