Product Datasheet

Globotriaosylceramides (porcine) (orb1693962)

Catalog Number	orb1693962
Category	Small Molecules
Description	Globotriaosylceramides (Gb3) are glycosphingolipids serving as receptors for Shiga toxins and as natural HIV resistance factors by blocking viral entry. Isolated from porcine RBCs, this mixture is used in research on Fabry disease pathogenesis, toxin biology, and viral infection mechanisms in vitro and in vivo.
Target	Others,HIV Protease
MW	1136.553
CAS Number	71965-57-6
Formula	$C_{60}H_{113}NO_{18}$
SMILES	CCCCCCCCCCCCCCCCCCCCCCCCC(=O)N[C@@H](CO[C@@H]1O[C@H](CO)[C@@H](O[C@@H]2O[C@H](CO)[C@H](O[C@H]3O[C@H](CO)[C@H](O)[C@H](O)[C@H]3O)[C@H](O)[C@H]2O)[C@H](O)[C@H]1O)[C@H](O)\C=C\CCCCCCCCCCCCC
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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