Ganglioside GD1a . disodium salt (bovine brain)

PKC inhibitor

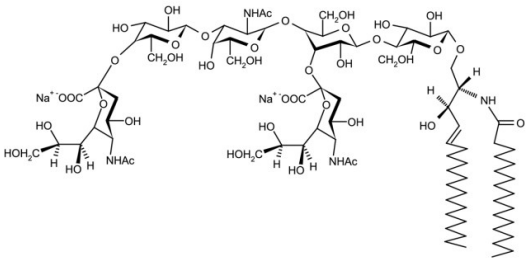
Differentiation marker for cell growth. Protein kinase C (PKC) inhibitor. The major ganglioside of the nervous system.

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Ordering Information Order Online »

ALX-302-007-M001	1mg
ALX-302-007-M005	5mg

Manuals, SDS & CofA View Online »


OH
HO
NHAc
CH2OH
O
HO
CH2OH
Na+ -OOC
HO
HOH2C
H
HO
H
NHAc
H
NH
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Disialoganglioside GD1a . 2Na (bovine brain), GD1a . 2Na (bovine brain)
Appearance	Lyophilized.
CAS	12707-58-3
Couple Target	PKC
Couple Type	Inhibitor
Formula	$C_{84}H_{146}N_4O_{39}$. 2Na
MW	1836.1 . 46.0 (calculated on sphingosine C18:1 and stearic acid)
Purity	≥98% (TLC)
Sequence	[II^3(Neu5Ac),IV^3(Neu5Ac)GgOse$_4$Cer] [[α-Neu5Ac-(2→3)]-β-Gal-(1→3)-β-GalNAc-(1→4)-[α-Neu5Ac-(2→3)]-β-Gal-(1→4)-β-Glc-(1→1′)-Cer]
Solubility	Soluble in chloroform/methanol/DI water, 2:1:0.1

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