Ganglioside GD3 . disodium salt (bovine buttermilk)

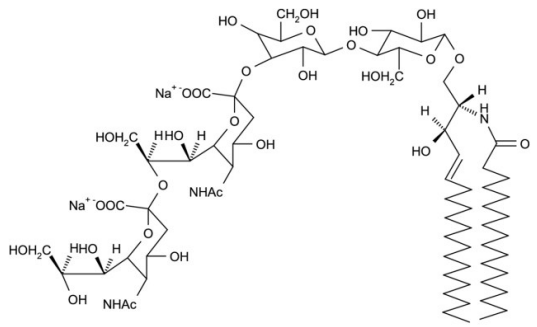
Induces mitochondrial permeability transition (MPT) without requiring elevated Ca^{2+} levels and thus triggers Fas-mediated apoptosis.

Citations: 5 View Online »

Ordering Information Order Online »

ALX-302-010-MC05	0.5mg
ALX-302-010-M001	1mg

Manuals, SDS & CofA View Online »


HO
CH2OH
O
HO
OH
O
O
O
HO
OH
HOH2C
O
Na+ -OOC
O
HOH2C
HHO
H
OH
NHAc
O
Na+ -OOC
O
HOH2C
HHO
H
OH
OH
NHAc
H
H
N
HO
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 GD3 . 2Na (bovine buttermilk), GD3 . 2Na (bovine buttermilk)
Appearance	Lyophilized.
CAS	62010-37-1
Formula	$C_{70}H_{123}N_3O_{29}$. 2Na
MW	1470.8 . 46.0 (calculated on sphingosine C18:1 and stearic acid)
Purity	≥98% (TLC)
Sequence	[II^3(Neu5Ac)$_2$LacCer] [[α-Neu5Ac-(2→8)-α-Neu5Ac-(2→3)]-β-Gal-(1→4)-β-Glc-(1→1′)-Cer]
Solubility	Soluble in chloroform/methanol, 2:1
Source	Bovine buttermilk

Last modified: May 29, 2024

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