Ganglioside GM3 . sodium salt (bovine brain)

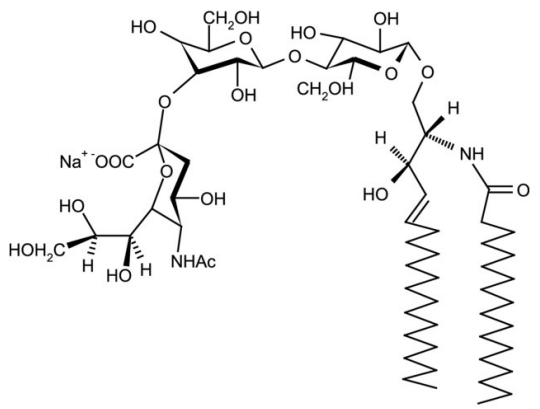
The major ganglioside of the extra-nervous system. Inhibits growth of epidermal cells.

Citations: 3 View Online »

Ordering Information Order Online »

ALX-302-005-M001	1mg

Manuals, SDS & CofA View Online »


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

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	GM3 . Na (bovine brain), Monosialoganglioside GM3 . Na (bovine brain)
Appearance	Lyophilized.
CAS	54827-14-4
Formula	$C_{59}H_{107}N_2O_{21}$. Na
MW	1180.5 . 23.0 (calculated on sphingosine C18:1 and stearic acid)
Purity	≥98% (TLC)
Sequence	[II^{3}Neu5AcLacCer] [α-Neu5Ac-(2→3)]-β-Gal(1→4)-β-Glc-(1→1′)-Cer]
Solubility	Soluble in chlorform/methanol (2:1).

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