Ganglioside GM1 . sodium salt (bovine brain)

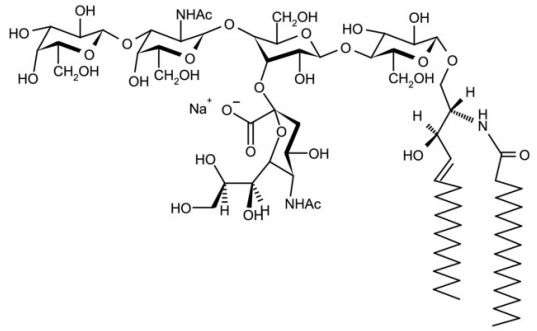
Specific receptor for cholera toxin.

Citations: 3 View Online »

Ordering Information Order Online »

ALX-302-001-M001	1mg
ALX-302-001-M005	5mg
ALX-302-001-M010	10mg

Manuals, SDS & CofA View Online »


OH
HO
O
HO
CH2OH
NHAc
O
OH
CH2OH
O
CH2OH
OH
O
Na+
O−
O
O
HO
HO
H
OH
H
OH
NHAc
HO
OH
O
CH2OH
O
O
H
H
HO
H
N
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	GM1 . Na (bovine brain), Monosialoganglioside GM1 . Na (bovine brain)
Appearance	Lyophilized.
CAS	37758-47-7
Couple Target	Cholera toxin
Couple Type	Receptor
Formula	$C_{73}H_{130}N_3O_{31}$. Na
MI	**14:** 4364
MW	1545.8 . 23.0 (calculated on sphingosine C18:1 and stearic acid)
Purity	≥98% (TLC)
Sequence	[II^{3}Neu5AcGgOse$_4$Cer] [β-Gal-(1→3)-β-GalNAc-(1→4)-[α-Neu5Ac-(2→3)]-β-Gal(1→4)-β-Glc-(1→1′)-Cer]

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