

## Product Datasheet

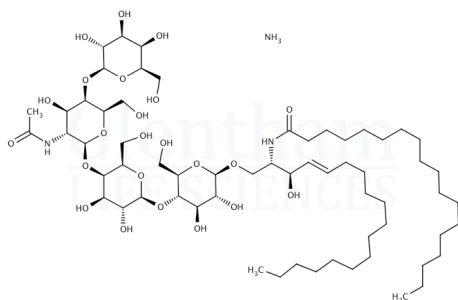
### GC0885 - GA1-Ganglioside

#### Product Details

Product Name	GA1-Ganglioside
Glentham Code	GC0885
CAS Number	71012-19-6
MDL Number	MFCD00131128
PubChem SID	310274003
Additional CAS	71012-19-2
Related Categories	Carbohydrates, Oligosaccharides

#### Structure

Molecular Weight	: 1255.6
Molecular Formula	: $C_{62}H_{114}N_2O_{23}$



#### Storage

Recommended storage temperature: -20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description	: White to light-yellow solid or powder
Solubility	: Soluble in chloroform : methanol (2:1)
Purity (TLC)	: $\geq 98\%$
Version	: v1.0

#### About GA1-Ganglioside

Molecular Weight 1255.6 (calculated on sphingosine C18:1 and stearic acid). Sequence Structure: GgOse4Cer,  $\beta$ -Gal-(1-3)- $\beta$ -GalNAc-(1-4)- $\beta$ -Gal-(1-4)- $\beta$ -Glc-(1-1)-Cer, Cer: Sphingosine C18:1-C20:1, ~1:1 by vol., stearic acid over 90%. GA1-Ganglioside is semisynthetic. GM1 is isolated from bovine brain.