

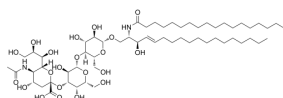
## Ganglioside GM3

Cat. No.: HY-114456  
 CAS No.: 124579-05-1  
 Batch No.: 257417  
 Chemical Name: Octadecanamide, N-[(1S,2R,3E)-1-[[[O-(N-acetyl- $\alpha$ -neuraminosyl)-(2 $\rightarrow$ 3)-O- $\beta$ -D-galactopyranosyl)-(1 $\rightarrow$ 4)- $\beta$ -D-glucopyranosyl]oxy]methyl]-2-hydroxy-3-heptadecen-1-yl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{59}H_{108}N_2O_{21}$   
 Molecular Weight: 1181.49  
 Storage: 4°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (HPLC): 95.51%  
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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