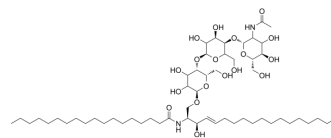


Ganglioside GM2, Asialo

Cat. No.:	HY-W127461
CAS No.:	35960-33-9
Molecular Formula:	C ₅₆ H ₁₀₄ N ₂ O ₁₈
Molecular Weight:	1093.43
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ganglioside GM2 asialo (asialo-GM2) is a glycosphingolipid containing three monosaccharide residues and one fatty acid of variable chain length, but lacks the sialic acid residue present on ganglioside M2. Asialo-GM2 is found at low or undetectable levels in normal human brains, but it accumulates in the brains of patients with Tay-Sachs disease and Sandhoff disease, which are expressed as lysosomal β -A neurodegenerative disorder characterized by hexosaminidase A and B deficiency. It also binds to various bacteria, including *Pseudomonas* isolated from cystic fibrosis patients. The Asialo-GM2 mixture contains ganglioside GM2 asialo molecular species with fatty acyl chains of variable length.

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

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