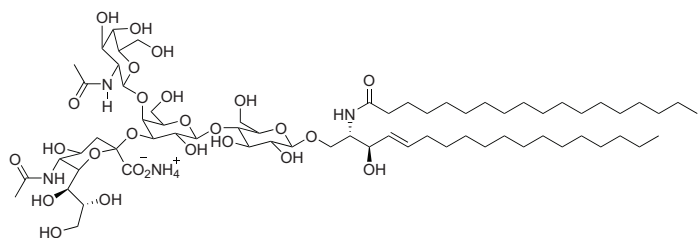


Matreya is committed to the development and manufacture of lipids and biochemicals of the highest quality and value. Through collaborations with leading academics, our catalog of sphingolipids, glycosphingolipids, gangliosides, globotriaosylceramides, fatty acids, and sterols is continuously expanding to meet research needs. If you cannot find a particular compound of interest in our catalog, please contact us for a custom synthesis estimate.

## Monosialoganglioside GM<sub>2</sub> (NH<sub>4</sub><sup>+</sup> salt), bovine Catalog No. 1542

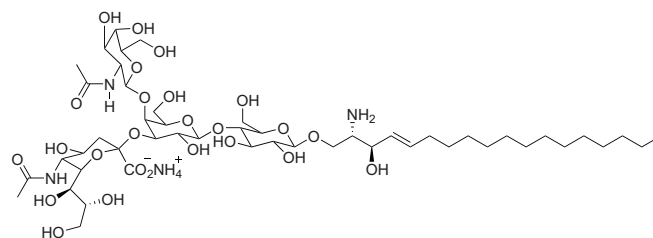
- Regulates function of ciliary neurotrophic factor receptors
- Accumulation hallmarks Tay-Sachs and Sandhoff diseases



## lyso-Monosialoganglioside GM<sub>2</sub> (NH<sub>4</sub><sup>+</sup> salt), bovine

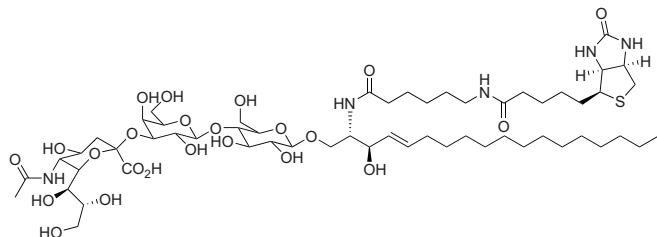
Catalog No. 1543

- Elevated levels found in Tay-Sachs and Sandhoff diseased-brains and plasma
- Increase is linked to loss of hexosaminidase A activity



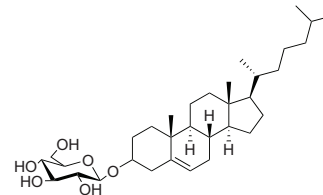
## N-Hexanoyl-biotin-monosialoganglioside GM<sub>3</sub> Catalog No. 2056

- Contains a biotin unit attached to the amine of the sphingosine moiety *via* a hexanoic acid linker
- Allows for binding of the ganglioside to streptavidin and avidin substrates for detection



## Cholesterol-*beta*-D-glucoside Catalog No. 1940

- A water-soluble cholesterol used for the biosynthesis of neurotoxic steryl- $\beta$ -glucosides
- Metabolism is linked to parkinsonism occurring in patients with Gaucher disease



## MATREYA NEWSLETTER

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## Anti-ganglioside GD<sub>2</sub> (polyclonal antibody) Catalog No. 1963

- For detection of the tumor-associated antigen disialoganglioside GD<sub>2</sub>
- Can be used to immunotarget cells expressing elevated levels of GD<sub>2</sub>