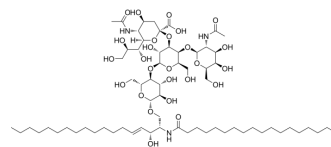


## Ganglioside GM2

Cat. No.:	HY-148385
CAS No.:	127663-77-8
Molecular Formula:	C <sub>67</sub> H <sub>121</sub> N <sub>3</sub> O <sub>26</sub>
Molecular Weight:	1384.68
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Ganglioside GM2 is a human tumor antigen (OFA-I-1). Ganglioside GM2 is the major lysosomal storage compound of Tay-Sachs disease<sup>[1][2]</sup>.

### REFERENCES

- [1]. Tai T, et al. Ganglioside GM2 as a human tumor antigen (OFA-I-1). Proc Natl Acad Sci U S A. 1983 Sep;80(17):5392-6.
- [2]. Anheuser S, et al. Membrane lipids regulate ganglioside GM2 catabolism and GM2 activator protein activity. J Lipid Res. 2015 Sep;56(9):1747-61.
- [3]. Nakamura K, et al. Dissection and optimization of immune effector functions of humanized anti-ganglioside GM2 monoclonal antibody. Mol Immunol. 2000 Dec;37(17):1035-46.

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

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