



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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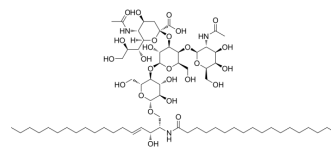
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Ganglioside GM2

Cat. No.:	HY-148385		
CAS No.:	127663-77-8		
Molecular Formula:	C ₆₇ H ₁₂₁ N ₃ O ₂₆		
Molecular Weight:	1384.68		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



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^{[1][2]}.

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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