

## Lyso-monosialoganglioside GM2 ammonium

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

### Biological Description

Description	Lyso-monosialoganglioside GM2 (LysoGM2) ammonium is a lysosomal sphingolipid and an inhibitor of protein kinase C, with an IC50 value of 50 $\mu$ M. It inhibits the binding of protein kinase C to Phorbol 12,13-dibutyrate. Additionally, LysoGM2 ammonium serves as a specific biomarker for GM2 gangliosidosis and is utilized in the study of sphingolipidosis.
Targets(IC50)	PKC

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