



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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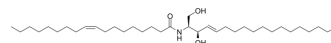
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C18:1-Ceramide

| | |
|--------------------|--|
| Cat. No.: | HY-141578 |
| CAS No.: | 5966-28-9 |
| Molecular Formula: | C ₃₆ H ₆₉ NO ₃ |
| Molecular Weight: | 563.94 |
| Target: | Endogenous Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | 4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



SOLVENT & SOLUBILITY

In Vitro

DMF : ≥ 100 mg/mL (177.32 mM)
* "≥" means soluble, but saturation unknown.

| Preparing Stock Solutions | Solvent Concentration | Mass | 1 mg | 5 mg | 10 mg |
|---------------------------|-----------------------|------|-----------|-----------|------------|
| | | | | | |
| | 1 mM | | 1.7732 mL | 8.8662 mL | 17.7324 mL |
| | 5 mM | | 0.3546 mL | 1.7732 mL | 3.5465 mL |
| | 10 mM | | 0.1773 mL | 0.8866 mL | 1.7732 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

C18:1-Ceramide is a ceramide subspecies. C18:1-Ceramide can be used in the study of type 2 diabetes^[1]

REFERENCES

[1]. Haus, Jacob M et al. Plasma ceramides are elevated in obese subjects with type 2 diabetes and correlate with the severity of insulin resistance. Diabetes vol. 58,2 (2009): 337-43.

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

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