

C2 Ceramide, Cell permeable ceramide

| Catalog | Unit |
|--------------|-------|
| TBI1181-5MG | 5 mg |
| TBI1181-25MG | 25 mg |

Product Details

Formal Name: N-Acetyl-D-erythro-sphingosine

Molecular Formula: C₂₀H₃₉NO₃

Formula Weight: 341.54

CAS Number: 3102-57-6

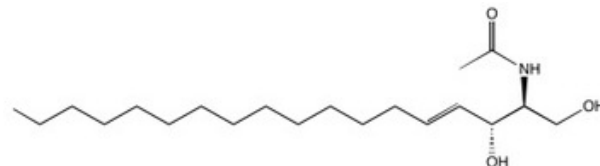
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (> 50 mg/ml) or in Ethanol (> 25 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Cell permeable ceramide

Functions

Cell permeable ceramide analog. Induces apoptosis in a variety of cell types. Stimulates ceramide-activated protein phosphatases. Activates ceramide-activated protein kinases.

Application Procedures

First dissolved in DMSO (> 50 mg/ml) or in Ethanol (> 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.