

Phytosphingosine, Natural sphingolipid

Catalog	Unit
TBI1227-10MG	10 mg
TBI1227-50MG	50 mg

Product Details

Formal Name: (2S,3R,4R)-Octadecane-1,2,3,4-tetraol

Alternate Names: 4-Hydroxysphinganine

Molecular Formula: C₁₈H₃₉NO₃

Formula Weight: 317.52

CAS Number: 554-62-1

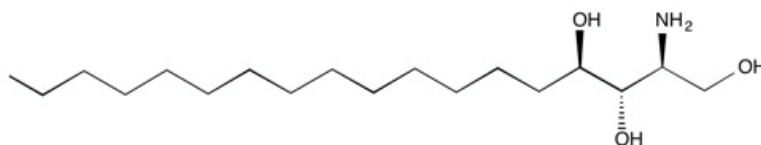
Purity: >98%

Formulation: powder

Solubility: Soluble in Ethanol (up to 2 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

Natural sphingolipid

Functions

Displays antibacterial activity. Can be taken up by *E. coli* and *S. aureus* and induce ultrastructural damage.

Application Procedures

First dissolved in Ethanol (up to 2 mg/ml), then diluted to aqueous buffer. Solutions in ethanol may be stored at -20°C for up to 1 month.

For research use only.