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Catalog	Unit
TBI1409-5MG	5 mg
TBI1409-25MG	25 mg

### Product Details

**Alternate Names:** Sphinganine

**Molecular Formula:** C<sub>18</sub>H<sub>39</sub>NO<sub>2</sub>

**Formula Weight:** 301.50

**CAS Number:** 764-22-7

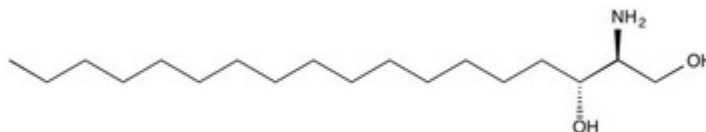
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

PKC inhibitor; Sphingosine precursor

### Functions

Dihydrosphingosine is a biosynthetic precursor of sphingosine. Inhibitor of protein kinase C and phospholipases A2 and D.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 1 month.

**For research use only.**