

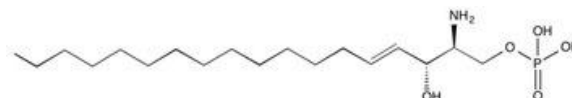
## Spingosine-1-phosphate, EDG receptor agonist

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Catalog	Unit
TBI4526 - 1MG	1 mg
TBI4526 - 5MG	5 mg

### Product Details

**Formal Name:** Spingosine-1-phosphate, D-erythro  
**Molecular Formula:** C<sub>18</sub>H<sub>38</sub>NO<sub>5</sub>P  
**Formula Weight:** 379.47  
**CAS Number:** 26993-30-6  
**Purity:**  
**Formulation:** Powder  
**Solubility:** Soluble in anhydrous methanol (up to 0.5 mg/ml).  
**Storage:**  
**Stability:** ≥ 2 years.



### Applications

EDG receptor agonist

### Functions

Spingosine-1-phosphate (26993-30-6) is an endogenous sphingolipid metabolite known to be involved in many cellular responses including angiogenesis, vascular maturation, cardiac development, and immunity. These effects are mediated through a family of 5 G-protein-coupled receptors.

### Application Procedures

First dissolved in anhydrous methanol (up to 0.5 mg/ml), then diluted to aqueous buffer. Solutions in methanol or in BSA/water may be stored at -20° for up to 2 months. Precipitate may form upon thawing but will redissolve with warming.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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