

## Suplatast tosilate, Immunomodulator

Catalog	Unit
TBI2896-10MG	10 mg
TBI2896-50MG	50 mg

### Product Details

**Formal Name:** [3-[[4-(3-Ethoxy-2-hydroxypropoxy)phenyl]amino]-3-oxopropyl]dimethylsulfonium

**Alternate Names:** 4-Methylbenzenesulfonate; IPD 1151T

**Molecular Formula:** C<sub>16</sub>H<sub>26</sub>NO<sub>4</sub>S C<sub>7</sub>H<sub>7</sub>O<sub>3</sub>S

**Formula Weight:** 499.64

**CAS Number:** 94055-76-2

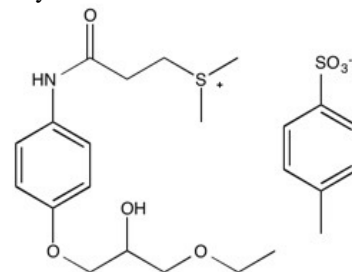
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 50 mg/ml) or in Water (up to 50 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

Immunomodulator

### Functions

A potent immunoregulator that suppresses IgE production. Suppresses innate immunity by down-regulating TLR2, TLR4 and CD14 gene expression on splenocytes stimulated with LPS and TLR2/TLR4 agonists. Prevents bleomycin-induced pulmonary fibrosis in mouse models. Potent inhibitor of Th2 cells in vivo and together with a Treg cell inhibitor promotes BCG vaccine efficacy against tuberculosis. Antiasthmatic agent effective for antileukotriene nonresponders. Orally active.

### Application Procedures

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

**For research use only.**