

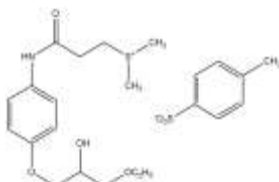
Product: Suplatast tosylate

ALTERNATE NAME: [3-[[[4-(3-Ethoxy-2-hydroxypropoxy)phenyl]amino]-3-oxopropyl]dimethylsulfonium 4-methylbenzenesulfonate; IPD 1151T; Suplatast tosilate

CATALOG #: 2624-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₆H₂₆NO₄S·C₇H₇O₃S

MOLECULAR WEIGHT: 499.64

CAS No. 94055-76-2

APPEARANCE: White solid

SOLUBILITY: H₂O (~50 mg/ml) or DMSO (~ 50 mg/ml)

PURITY: >98% by HPLC

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: Suplatast tosylate is a Th2 cytokine inhibitor and an immunomodulator. It suppresses eosinophil infiltration, IgE production, and allergic inflammation by suppressing the production of IL-4 and IL-5. Displays antiasthmatic, anti-inflammatory and antifibrotic activity *in vivo*.

REFERENCES: Tan, Y., *et al.* (2013). *Mol. Med. Rep.* **8**, 161-167.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used in humans.