

## DU-14, Sulfatase inhibitor

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Catalog	Unit
TBI1187-5MG	5 mg
TBI1187-25MG	25 mg

### Product Details

**Formal Name:** (p-O-sulfamoyl)-N-tetradecanoyl tyramine

**Molecular Formula:** C<sub>22</sub>H<sub>38</sub>N<sub>2</sub>O<sub>4</sub>S

**Formula Weight:** 426.62

**CAS Number:** 186303-55-9

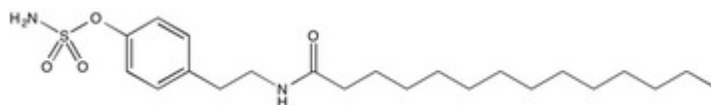
**Purity:** >98%

**Formulation:** powder

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

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

Sulfatase inhibitor

### Functions

Inhibits steroid sulfatase (IC<sub>50</sub>=ca. 60 nM). Enhances learning and spatial memory in rats. Inhibits proliferation of human MCF-7 breast cancer cells.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

**For research use only.**