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Catalog	Unit
TBI2924-5MG	5 mg
TBI2924-25MG	25 mg

### Product Details

**Formal Name:** (S)-(+)-2-[[4-(3-Fluorobenzyloxy)benzyl]amino]propanamide

**Alternate Names:** FCE-26743; PNU-151774E; NW-1015

**Molecular Formula:** C<sub>17</sub>H<sub>19</sub>F<sub>2</sub>N<sub>4</sub>O<sub>2</sub>

**Formula Weight:** 302.3

**CAS Number:** 133865-89-1

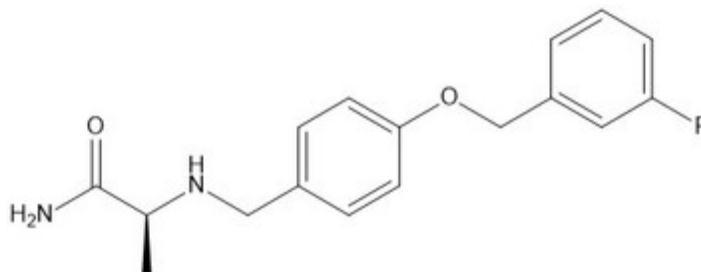
**Purity:** >98%

**Formulation:** powder

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

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

MAO-B inhibitor, Parkinson's therapeutic

### Functions

A selective and reversible inhibitor of monoamine oxidase B (MAO-B, IC<sub>50</sub>=98 nM with greater than 100-fold selectivity over MAO-A. Displays anticonvulsant activity and protects against kainate-induced seizures and hippocampal neurodegeneration in rat models. Reduces overactive glutamatergic signaling via use-dependent sodium channel blockade. A novel therapeutic for Parkinson's disease with multiple modes of action. Effective as an add-on to dopamine agonist therapy in early Parkinson's.

### Application Procedures

First dissolved in DMSO (up to 50 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.**