

Catalog	Unit
TBI1094 - 10MG	10 mg
TBI1094 - 50MG	50 mg

### Product Details

**Formal Name:** 2,3-Dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-1H-inden-1-one hydrochloride

**Alternate Names:** E-2020

**Molecular Formula:** C<sub>24</sub>H<sub>29</sub>NO<sub>3</sub> • HCl

**Formula Weight:** 416

**CAS Number:** 120011-70-3

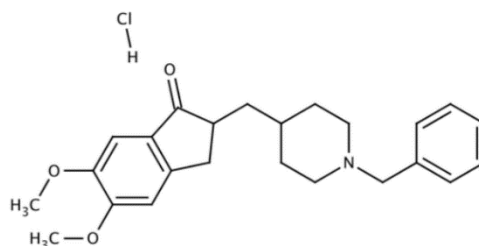
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (up to 20 mg/ml) or in Water (up to 20 mg/ml).

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

Acetylcholinesterase inhibitor

### Functions

Centrally-acting, reversible acetylcholinesterase inhibitor. Clinically useful therapeutic agent for cognitive disorders. Displays neuroprotective effects, attenuating injury following ischemic stroke via stimulation of neurogenesis, angiogenesis and inhibition of inflammation and apoptosis.

### Application Procedures

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

### 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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