

Catalog	Unit
TBI2568-50MG	50 mg
TBI2568-250MG	250 mg

### Product Details

**Formal Name:** [4S-(4 $\alpha$ ,4 $\alpha$ ,5 $\alpha$ ,12 $\alpha$ )]-4,7-Bis(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a-tetrahydroxy-1,11-dioxo-2-naphthacene-carboxamide hydrochloride

**Molecular Formula:** C<sub>23</sub>H<sub>27</sub>N<sub>3</sub>O<sub>7</sub> · HCl

**Formula Weight:** 493.95

**CAS Number:** 13614-98-7

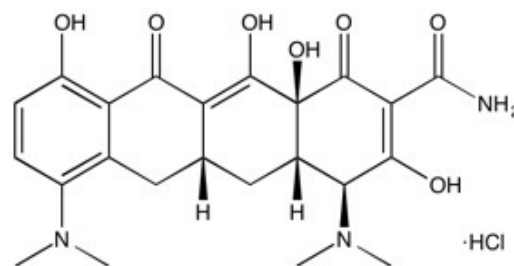
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 50 mg/ml), or in Water (up to 10 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Neuroprotective; Antiapoptotic

### Functions

Displays antiapoptotic, anti-inflammatory activity. Prevents neuropathic pain in a rat sciatic nerve injury model. Reduces MMP-9 activity. Attenuates disease severity in mouse models of multiple sclerosis. Displays neuroprotective activity. May be effective in methotrexate-induced lung fibrosis. Orally active and brain penetrant.

### Application Procedures

First dissolved in DMSO (up to 50 mg/ml), or in Water (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20° for up to 1 month.

**For research use only.**