

Catalog	Unit
TBI2002-10MG	10 mg
TBI2002-50MG	50 mg

### Product Details

**Formal Name:** (R)-(+)-[2,3-Dihydro-5-methyl-3-(4-morpholinylmethyl)pyrrolo[1,2,3-de]-1,4-benzoxazin-6-yl]-1-naphthalenylmethanone · mesylate

**Molecular Formula:** C<sub>27</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub> · CH<sub>3</sub>SO<sub>3</sub>H

**Formula Weight:** 522.62

**CAS Number:** 131543-23-2

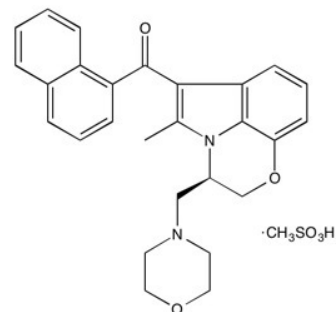
**Purity:** >98%

**Formulation:** Powder

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

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Cannabinoid CB1/CB2 agonist

### Functions

High affinity cannabinoid receptor agonist (K<sub>i</sub> = 62.3 nM for recombinant human CB1 and 3.3 nM for recombinant human CB2) with analgesic and anti-inflammatory activities. Activates p42 and p44 MAP kinase via cannabinoid receptor-mediated receptor signaling.

### 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 3 months.

**For research use only.**