

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: C₂₇H₂₆N₂O₃ · CH₃SO₃H

Formula Weight: 522.62

CAS Number: 131543-23-2

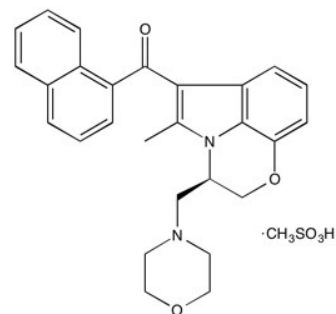
Purity: >98%

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 ($K_i = 62.3$ 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.