

Catalog	Unit
TBI3400-10MG	10 mg
TBI3400-50MG	50 mg

Product Details

Formal Name: (5'a,10a)-9,10-Dihydro-12'-hydroxy-2'-methyl-5'-(phenylmethyl)ergotaman-3',6',18-trione, mesylate

Molecular Formula: C₃₃H₃₇N₅O₅ • CH₃SO₃H

Formula Weight: 679.80

CAS Number: 6190-39-2

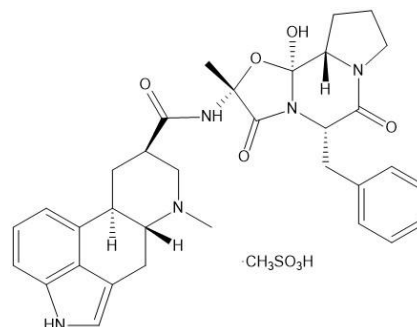
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (25 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Serotonin receptor agonist

Functions

Full agonist at serotonin 5HT1B and 5HT1D receptors, IC₅₀= 2 and 2.2 nM respectively and also at 5HT1A and 5HT1F receptors. One of the oldest agents for treatment of migraine. Also acts as a potent vasoconstrictor and alpha-adrenergic antagonist.

Application Procedures

First dissolved in DMSO (25 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.