

Metergoline, Serotonin 5HT_{1,2,7} antagonist

Catalog	Unit
TBI3058-10MG	10 mg
TBI3058-50MG	50 mg

Product Details

Formal Name: [(8 β)-1,6-Dimethylergolin-8-yl)methyl]carbamic acid phenylmethyl ester

Molecular Formula: C₂₅H₂₉N₃O₂

Formula Weight: 403.50

CAS Number: 17692-51-2

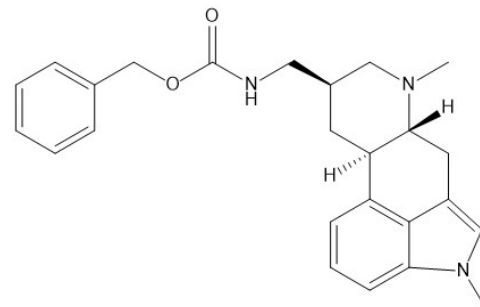
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (40 mg/ml); or ethanol (4 mg/ml)

Storage: -20°C

Stability: \geq 2 years.



Applications

Serotonin 5HT_{1,2,7} antagonist

Functions

Metergoline is an ergot alkaloid derivative acting as antagonist at serotonin 5HT₁ and 5HT₂ receptors and 5HT₇ receptors. A safe and effective agent for management of hyperprolactinemic amenorrhea and anovulation. Displays a long lasting antidepressant effect in seasonal affective disorder.

Application Procedures

First dissolved in DMSO (40 mg/ml); or ethanol (4 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months.

For research use only.