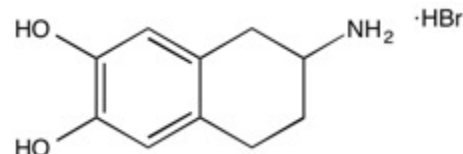


6,7-ADTN HBr, Dopamine D1 agonist

Catalog	Unit
TBI1607-10MG	10 mg
TBI1607-50MG	50 mg

Product Details

Formal Name: (+/-)-2-Amino-6,7-dihydroxy-1,2,3,4-tetrahydronaphthalene hydrobromide
Alternate Names: 6-Amino-5,6,7,8-tetrahydronaphthalene-2,3-diol hydrobromide (racemic); NSC-287353
Molecular Formula: C₁₀H₁₃NO₂ HBr
Formula Weight: 260.13
CAS Number: 13575-86-5
Purity: >98%
Formulation: Powder
Solubility: Soluble in water (up to 25 mg/ml)
Storage: -20°C
Stability: ≥ 1 year.



Applications

Dopamine D1 agonist

Functions

A broad spectrum dopamine receptor agonist. Demonstrates a marked selectivity for the human dopamine D3 receptor. 6,7-ADTN and psychostimulants such as cocaine and amphetamine reduce excitatory synaptic transmission in the nucleus accumbens by activating presynaptic dopamine receptors.

Application Procedures

First dissolved in water (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in water may be stored at -20°C for up to 3 months.

For research use only.