Data Sheet (Cat.No.T206294)

TargetMol

7-Hydroxy ropinirole bromide

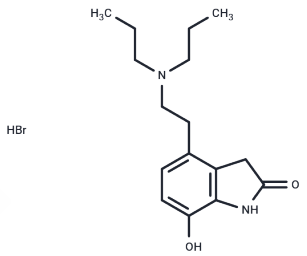
Chemical Properties

CAS No. : 81654-57-1

Formula: C16H25BrN2O2

Molecular Weight: 357.286

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	7-Hydroxy ropinirole (SK&F 89124) bromide is a potent and highly selective DA2 receptor agonist, derived from N,N-di-n-propyldopamine (DPDA). In isolated rabbit ear artery models, 7-Hydroxy ropinirole (bromide) exerts its DA2 agonistic effect by inhibiting neurotransmitter release or sympathetic-induced responses. This compound holds potential for research in cardiovascular and neurological disease areas.
Targets(IC50)	Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7988 mL	13.9942 mL	27.9885 mL
5 mM	0.5598 mL	2.7988 mL	5.5977 mL
10 mM	0.2799 mL	1.3994 mL	2.7988 mL
50 mM	0.056 mL	0.2799 mL	0.5598 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481