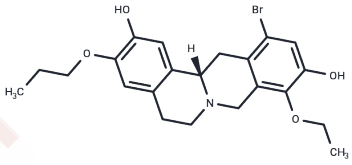
Data Sheet (Cat.No.T78735)

TargetMol

D1R antagonist 1

Chemical Properties



CAS No. : 2983777-67-7

Formula: C22H26BrNO4

Molecular Weight: 448.35

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	Compound 12a (D1R antagonist 1) is a D1R antagonist that participates in both G-protein-coupled and β-arrestin-mediated signaling pathways [1].
Targets(IC50)	Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2304 mL	11.152 mL	22.304 mL
5 mM	0.4461 mL	2.2304 mL	4.4608 mL
10 mM	0.223 mL	1.1152 mL	2.2304 mL
50 mM	0.0446 mL	0.223 mL	0.4461 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.

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