

HTR2A antagonist 1

Chemical Properties

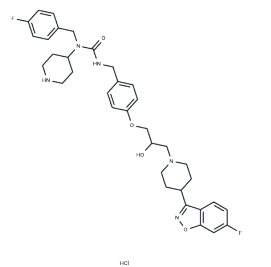
CAS No. :

Formula: C₃₅H₄₃Cl₂F₂N₅O₄

Molecular Weight: 706.65

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	HTR2A antagonist 1 (Compound 15f) is an HTR2A antagonist with an IC ₅₀ of 42.79 nM. It induces sub-G1 cell cycle arrest and apoptosis in colorectal cancer cells by activating the p53/p21/caspase 3 signaling pathway. HTR2A antagonist 1 exhibits good liver microsomal stability and is useful for colorectal cancer research.
Targets(IC ₅₀)	Apoptosis,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4151 mL	7.0756 mL	14.1513 mL
5 mM	0.283 mL	1.4151 mL	2.8303 mL
10 mM	0.1415 mL	0.7076 mL	1.4151 mL
50 mM	0.0283 mL	0.1415 mL	0.283 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

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