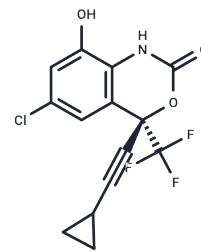


8-hydroxy Efavirenz

Chemical Properties

CAS No. :	205754-33-2
Formula:	C ₁₄ H ₉ ClF ₃ NO ₃
Molecular Weight:	331.68
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	8-hydroxy Efavirenz is a major oxidative metabolite of the non-nucleoside reverse transcriptase inhibitor efavirenz . 8-hydroxy Efavirenz is formed when efavirenz is metabolized by the cytochrome P450 (CYP) isoform CYP2B6. It induces apoptosis in rat primary hippocampal neurons and loss of dendritic spines in rat primary hippocampal neuronal cultures when used at a concentration of 0.01 µM.
Targets(IC50)	Apoptosis,Others,JNK

Solubility Information

Solubility	Acetonitrile: Soluble DMSO: Soluble Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.015 mL	15.0748 mL	30.1495 mL
5 mM	0.603 mL	3.015 mL	6.0299 mL
10 mM	0.3015 mL	1.5075 mL	3.015 mL
50 mM	0.0603 mL	0.3015 mL	0.603 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