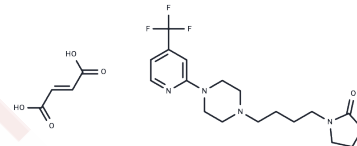


Org-13011 fumarate

Chemical Properties

CAS No. :	142494-13-1
Formula:	C22H29F3N4O5
Molecular Weight:	486.48
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	Org-13011 fumarate1 is an agonist of the 5-HT1A receptor and can be used to study neurological disorders.
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0556 mL	10.2779 mL	20.5558 mL
5 mM	0.4111 mL	2.0556 mL	4.1112 mL
10 mM	0.2056 mL	1.0278 mL	2.0556 mL
50 mM	0.0411 mL	0.2056 mL	0.4111 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.

Reference

- Faassen F, et al. Caco-2 permeability, P-glycoprotein transport ratios and brain penetration of heterocyclic drugs. *Int J Pharm.* 2003 Sep 16;263(1-2):113-22.
- van Hoof P, et al. Polymorphism of the CNS active drug Org 13011: the application of high temperature analysis to detect new polymorphs. *Int J Pharm.* 2002 May 15;238(1-2):215-28.

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