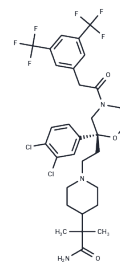


Burapitant

Chemical Properties

CAS No. :	537034-22-3
Formula:	C ₃₁ H ₃₅ Cl ₂ F ₆ N ₃ O ₃
Molecular Weight:	682.52
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	Burapitant (SSR 240600) is a novel non-peptide tachykinin neurokinin 1 (NK) receptor antagonist with anti-coke oven and antidepressant activity.
Targets(IC50)	Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4652 mL	7.3258 mL	14.6516 mL
5 mM	0.293 mL	1.4652 mL	2.9303 mL
10 mM	0.1465 mL	0.7326 mL	1.4652 mL
50 mM	0.0293 mL	0.1465 mL	0.293 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

Pérez S, et al. Tachykinin regulation of cholinergic transmission in the limbic/prefrontal territory of the rat dorsal striatum: implication of new neurokinine 1-sensitive receptor binding site and interaction with enkephalin/mu opioid receptor transmission. J Neurochem. 2007 Dec;103(6):2153-63.

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