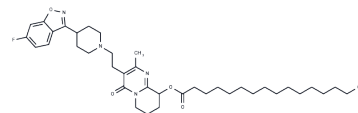


Paliperidone Palmitate

Chemical Properties

CAS No. : 199739-10-1
Formula: C39H57FN4O4
Molecular Weight: 664.89
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Paliperidone is a dopamine antagonist and 5-HT _{2A} antagonist of the atypical antipsychotic class of medications. Paliperidone has an antagonist effect at α 1 and α 2 adrenergic receptors and at H1 histamine receptors. In addition, it binds with dopamine and serotonin receptors.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.504 mL	7.520 mL	15.0401 mL
5 mM	0.3008 mL	1.504 mL	3.008 mL
10 mM	0.1504 mL	0.752 mL	1.504 mL
50 mM	0.0301 mL	0.1504 mL	0.3008 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.

Reference

Joshi K, Muser E, Xu Y, Schwab P, Datar M, Suehs B. Adherence and economic impact of paliperidone palmitate versus oral atypical antipsychotics in a Medicare population. J Comp Eff Res. 2018 May 3. doi: 10.2217/cer-2018-

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