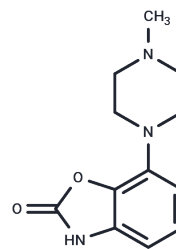


Pardoprinox hydrochloride

Chemical Properties

CAS No. :	269718-83-4
Formula:	C ₁₂ H ₁₆ ClN ₃ O ₂
Molecular Weight:	269.73
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

HCl



Biological Description

Description	Pardoprinox hydrochloride (SLV-308 hydrochloride) is a novel partial dopamine D2 and D3 receptor agonist and serotonin 5-HT1A receptor agonist, D2 (pKi = 8.1) and D3 receptor (pKi = 8.6) partial agonist and 5-HT1A receptor (pKi = 8.5) full agonist.
Targets(IC50)	5-HT Receptor, Adrenergic Receptor, Dopamine Receptor

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble) H ₂ O: < 0.1 mg/mL (insoluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7074 mL	18.5371 mL	37.0741 mL
5 mM	0.7415 mL	3.7074 mL	7.4148 mL
10 mM	0.3707 mL	1.8537 mL	3.7074 mL
50 mM	0.0741 mL	0.3707 mL	0.7415 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

- Glennon JC, et al. Synapse. 2006 Dec 15;60(8):599-608.
- Jones CA, et al. Eur Neuropsychopharmacol. 2010 Aug;20(8):582-593.
- Rascol O, Bronzova J, Hauser RA, Lang AE, et al. Parkinsonism Relat Disord. 2012 May;18(4):370-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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