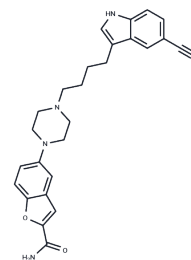


Vilazodone

Chemical Properties

CAS No. :	163521-12-8
Formula:	C26H27N5O2
Molecular Weight:	441.52
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Vilazodone (SB659746A) is a selective serotonin (5-HT) reuptake inhibitor (SSRI) and a 5-HT-1A receptor partial agonist, with antidepressant and anti-anxiety activities. Vilazodone inhibits the reuptake of serotonin from the synaptic cleft while stimulating the release of 5-HT into the synaptic cleft. This increases the concentration of 5-HT in the synaptic cleft and potentiates serotonergic neurotransmission in the central nervous system.
Targets(IC50)	5-HT Receptor, Serotonin Transporter

Solubility Information

Solubility	DMSO: 80 mg/mL(181.2 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2649 mL	11.3245 mL	22.649 mL
5 mM	0.453 mL	2.2649 mL	4.5298 mL
10 mM	0.2265 mL	1.1325 mL	2.2649 mL
50 mM	0.0453 mL	0.2265 mL	0.453 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

Page ME, et al. J Pharmacol Exp Ther. 2002 Sep;302(3):1220-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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