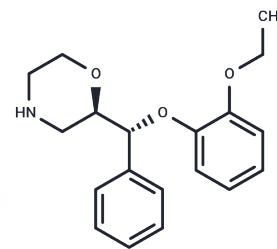


Reboxetine

Chemical Properties

CAS No. :	71620-89-8
Formula:	C ₁₉ H ₂₃ NO ₃
Molecular Weight:	313.39
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	Reboxetine (Norebox) is an antidepressant drug used in the treatment of clinical depression, panic disorder and ADD/ADHD. Its mesylate (i.e. methanesulfonate) salt is sold under trade names including Edronax, Norebox, Prolift, Solvex, Davedax or Vestra. Reboxetine has two chiral centers, but it only exists as two enantiomers, (R, R)-(-)- and (S, S)-(+)-reboxetine.
Targets(IC50)	Others, Adrenergic Receptor, Norepinephrine

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1909 mL	15.9546 mL	31.9091 mL
5 mM	0.6382 mL	3.1909 mL	6.3818 mL
10 mM	0.3191 mL	1.5955 mL	3.1909 mL
50 mM	0.0638 mL	0.3191 mL	0.6382 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

Rauhut AS, et al. J Pharmacol Exp Ther. 2002 Nov;303(2):664-72.

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