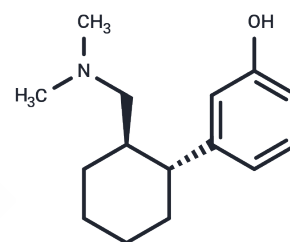


## Faxeladol

## Chemical Properties

CAS No. :	433265-65-7
Formula:	C <sub>15</sub> H <sub>23</sub> NO
Molecular Weight:	233.35
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	Faxeladol, a potent adrenergic absorption inhibitor and serotonin reuptake inhibitor, is a small-molecule Opioid receptor agonist that can be used to study neurological disorders.
Targets(IC50)	5-HT Receptor, Opioid Receptor, Adrenergic Receptor

## Solubility Information

Solubility	DMSO: 55 mg/mL (235.7 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	4.2854 mL	21.427 mL	42.8541 mL
5 mM	0.8571 mL	4.2854 mL	8.5708 mL
10 mM	0.4285 mL	2.1427 mL	4.2854 mL
50 mM	0.0857 mL	0.4285 mL	0.8571 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

Sindrup SH, et al. Randomized controlled trial of the combined monoaminergic and opioid investigational compound GRT9906 in painful polyneuropathy. Eur J Pain. 2012 Jul;16(6):849-59.

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