

## Rec 15/2615 dihydrochloride

## Chemical Properties

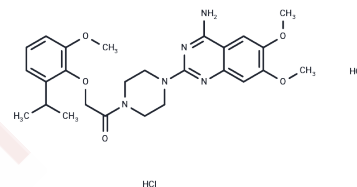
CAS No. : 173059-17-1

Formula: C<sub>26</sub>H<sub>35</sub>Cl<sub>2</sub>N<sub>5</sub>O<sub>5</sub>

Molecular Weight: 568.49

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	Rec 15/2615 dihydrochloride is an antagonist of $\alpha$ 1B-adrenergic receptor.
Targets(IC50)	Adrenergic Receptor

## Solubility Information

Solubility	DMSO: 50 mg/mL (87.95 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	1.759 mL	8.7952 mL	17.5905 mL
5 mM	0.3518 mL	1.759 mL	3.5181 mL
10 mM	0.1759 mL	0.8795 mL	1.759 mL
50 mM	0.0352 mL	0.1759 mL	0.3518 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

Sironi G, et al. Effects of intracavernous administration of selective antagonists of alpha(1)-adrenoceptor subtypes on erection in anesthetized rats and dogs. J Pharmacol Exp Ther. 2000 Mar;292(3):974-81.

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