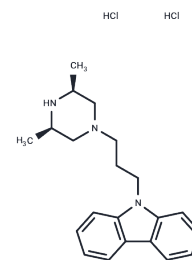


## Rimcazole dihydrochloride

### Chemical Properties

CAS No. :	75859-03-9
Formula:	C <sub>21</sub> H <sub>28</sub> ClN <sub>3</sub>
Molecular Weight:	357.92
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	Rimcazole dihydrochloride is the hydrochloride salt of Rimcazole, a $\sigma$ receptor antagonist. Rimcazole dihydrochloride also binds to dopamine transporter proteins and inhibits dopamine uptake.
Targets(IC50)	Others,Dopamine Receptor,Sigma receptor

### Solubility Information

Solubility	H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (2.79 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7939 mL	13.9696 mL	27.9392 mL
5 mM	0.5588 mL	2.7939 mL	5.5878 mL
10 mM	0.2794 mL	1.397 mL	2.7939 mL
50 mM	0.0559 mL	0.2794 mL	0.5588 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

Achison M, et, al. HIF-1alpha contributes to tumour-selective killing by the sigma receptor antagonist rimcazole. Oncogene. 2007 Feb 22;26(8):1137-46.

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