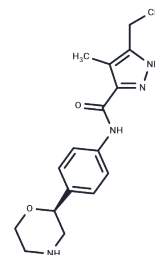


## Ralmitaront

## Chemical Properties

CAS No. :	2133417-13-5
Formula:	C17H22N4O2
Molecular Weight:	314.38
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	Ralmitaront (RO6889450) is a potent, orally active partial agonist of the trace amine-associated receptor 1 (TAAR1).
Targets(IC50)	Others,5-HT Receptor,Dopamine Receptor

## Solubility Information

Solubility	DMSO: 90 mg/mL (286.28 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (10.5 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	3.1809 mL	15.9043 mL	31.8086 mL
5 mM	0.6362 mL	3.1809 mL	6.3617 mL
10 mM	0.3181 mL	1.5904 mL	3.1809 mL
50 mM	0.0636 mL	0.3181 mL	0.6362 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

Brady LS, Potter WZ, Gordon JA. Redirecting the revolution: new developments in drug development for psychiatry. Expert Opin Drug Discovery. 2019;14:1213-1219.

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