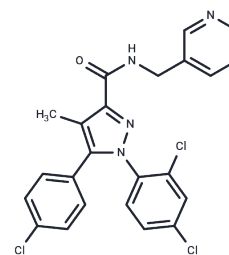


MJ 15

## Chemical Properties

CAS No. : 944154-76-1  
 Formula: C<sub>23</sub>H<sub>17</sub>Cl<sub>3</sub>N<sub>4</sub>O  
 Molecular Weight: 471.77  
 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	MJ 15 is a CB1 receptor antagonist with specificity for the study of obesity-induced diseases.
Targets(IC50)	Cannabinoid Receptor

## Solubility Information

Solubility	DMSO: 5 mg/mL (10.6 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	2.1197 mL	10.5984 mL	21.1968 mL
5 mM	0.4239 mL	2.1197 mL	4.2394 mL
10 mM	0.212 mL	1.0598 mL	2.1197 mL
50 mM	0.0424 mL	0.212 mL	0.4239 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

Chen W, et al. Novel selective antagonist of the cannabinoid CB1 receptor, MJ15, with prominent anti-obesity effect in rodent models. Eur J Pharmacol. 2010 Jul 10;637(1-3):178-85.

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