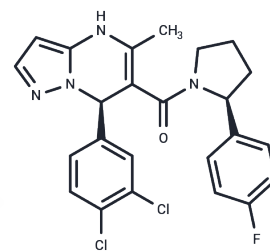


BMS-394136

## Chemical Properties

CAS No. : 343246-73-1  
 Formula: C<sub>24</sub>H<sub>21</sub>Cl<sub>2</sub>FN<sub>4</sub>O  
 Molecular Weight: 471.35  
 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	BMS-394136 (BMS 394136) is a KV1.5 antagonist for the treatment of cardiovascular diseases such as arrhythmias and atrial fibrillation.
Targets(IC50)	Potassium Channel

## Solubility Information

Solubility	DMSO: 50 mg/mL (106.08 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	2.1216 mL	10.6078 mL	21.2157 mL
5 mM	0.4243 mL	2.1216 mL	4.2431 mL
10 mM	0.2122 mL	1.0608 mL	2.1216 mL
50 mM	0.0424 mL	0.2122 mL	0.4243 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

Finlay HJ, et al. Discovery of ((S)-5-(methoxymethyl)-7-(1-methyl-1H-indol-2-yl)-2-(trifluoromethyl)-4,7-dihydropyrazolo[1,5-a]pyrimidin-6-yl)((S)-2-(3-methylisoxazol-5-yl)pyrrolidin-1-yl)methanone as a potent and selective I(Kur) inhibitor. J Med Chem. 2012 Apr 12;55(7):3036-48.

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