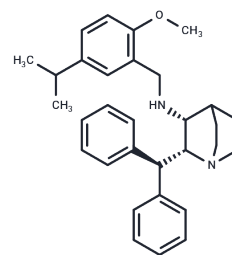


(R)-CJ 11974

## Chemical Properties

CAS No. : 187281-35-2  
 Formula: C<sub>31</sub>H<sub>38</sub>N<sub>2</sub>O  
 Molecular Weight: 454.65  
 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	(R)-CJ 11974: non-peptide NK1 receptor antagonist, may relieve pain and prevent chemo-induced vomiting.
Targets(IC50)	Neurokinin receptor

## Solubility Information

Solubility	DMSO: 55 mg/mL (120.97 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	2.1995 mL	10.9975 mL	21.9949 mL
5 mM	0.4399 mL	2.1995 mL	4.399 mL
10 mM	0.2199 mL	1.0997 mL	2.1995 mL
50 mM	0.044 mL	0.2199 mL	0.4399 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

WATSON TJN, et al. The purification of 2-methoxy-5-trifluoromethoxybenzaldehyde. EP1483227A1.

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