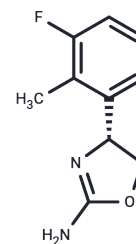


(4R)-R05263397

Chemical Properties

CAS No. : 1357266-80-8
 Formula: C10H11FN2O
 Molecular Weight: 194.21
 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	(4R)-4-(3-Fluoro-2-methylphenyl)-4,5-dihydro-2-oxazolamin was active against TRACE AMINE ASSOCIATED RECEPTOR (TAAR 1) with an EC50 of 0.017 μ M and could be used to study neurological disorders.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (257.45 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	5.1491 mL	25.7453 mL	51.4907 mL
5 mM	1.0298 mL	5.1491 mL	10.2981 mL
10 mM	0.5149 mL	2.5745 mL	5.1491 mL
50 mM	0.103 mL	0.5149 mL	1.0298 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

Hummel, et al. Trace amine associated receptor 1 (TAAR1) agonists and partial agonists for pain treatment. WO2017210616A1.

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