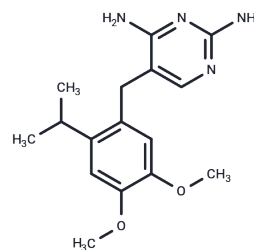


RO-3

Chemical Properties

CAS No. : 1026582-88-6
Formula: C₁₆H₂₂N₄O₂
Molecular Weight: 302.37
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	RO3 is a selective antagonist of homomeric P2X3 and heteromeric P2X2/3 receptor
Targets(IC50)	P2X Receptor

Solubility Information

Solubility	DMSO: 3.02 mg/mL (10 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	3.3072 mL	16.536 mL	33.0721 mL
5 mM	0.6614 mL	3.3072 mL	6.6144 mL
10 mM	0.3307 mL	1.6536 mL	3.3072 mL
50 mM	0.0661 mL	0.3307 mL	0.6614 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.

Reference

Gever J R , Cockayne D A , Dillon M P , et al. Pharmacology of P2X channels[J]. Pflügers Archiv European Journal of Physiology, 2006, 452(5):513-37.

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