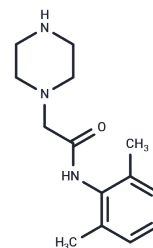


CVT-2738

Chemical Properties

CAS No. : 5294-61-1
 Formula: C₁₄H₂₁N₃O
 Molecular Weight: 247.34
 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	CVT-2738 (RS-94287) is a metabolite of Ranolazine. Ranolazine is a partial fatty acid oxidation (pFOX) inhibitor and anti-anginal drug.
Targets(IC50)	Others,Drug Metabolite

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: 65 mg/mL (262.8 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	4.043 mL	20.2151 mL	40.4302 mL
5 mM	0.8086 mL	4.043 mL	8.086 mL
10 mM	0.4043 mL	2.0215 mL	4.043 mL
50 mM	0.0809 mL	0.4043 mL	0.8086 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

Yao Z, Gong S, Guan T, Li Y, Wu X, Sun H. Synthesis of ranolazine metabolites and their anti-myocardial ischemia activities. Chem Pharm Bull (Tokyo). 2009 Nov;57(11):1218-22. PubMed PMID: 19881270.

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