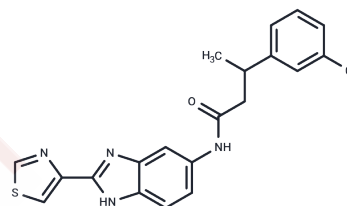


Kv2-IN-A1

Chemical Properties

CAS No. : 689297-68-5
 Formula: C₂₀H₁₇ClN₄O₅
 Molecular Weight: 396.89
 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	Kv2-IN-A1 is an inhibitor of Kv2.1 and Kv2.2.
Targets(IC50)	Potassium Channel

Solubility Information

Solubility	DMSO: 3.97 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	2.5196 mL	12.5979 mL	25.1959 mL
5 mM	0.5039 mL	2.5196 mL	5.0392 mL
10 mM	0.252 mL	1.2598 mL	2.5196 mL
50 mM	0.0504 mL	0.252 mL	0.5039 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

Herrington J, Solly K, Ratliff K S, et al. Identification of novel and selective Kv2 channel inhibitors.[J]. Molecular Pharmacology, 2011, 80(6):959-964.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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