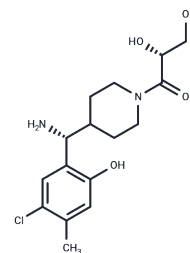


KV1.3-IN-2

Chemical Properties

CAS No. : 2640023-16-9
 Formula: C₁₆H₂₃ClN₂O₄
 Molecular Weight: 342.818
 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	KV1.3-IN-2 (Compound I) selectively inhibits the kv1.3 potassium channel without affecting the hERG channel. It is applicable in research related to immune-associated diseases such as psoriasis, rheumatoid arthritis, and systemic lupus erythematosus.
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.917 mL	14.5849 mL	29.1698 mL
5 mM	0.5834 mL	2.917 mL	5.834 mL
10 mM	0.2917 mL	1.4585 mL	2.917 mL
50 mM	0.0583 mL	0.2917 mL	0.5834 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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