

GPV574

Chemical Properties

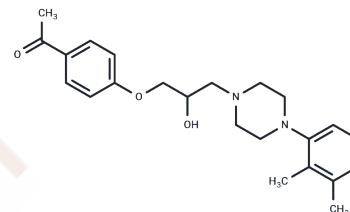
CAS No. : 635703-12-7

Formula: C₂₃H₃₀N₂O₃

Molecular Weight: 382.496

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	GPV574, a derivative of the antiarrhythmic compound propafenone, inhibits the HERG channel (IC ₅₀ = 5.04 μM).
Targets(IC ₅₀)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6144 mL	13.0719 mL	26.1438 mL
5 mM	0.5229 mL	2.6144 mL	5.2288 mL
10 mM	0.2614 mL	1.3072 mL	2.6144 mL
50 mM	0.0523 mL	0.2614 mL	0.5229 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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