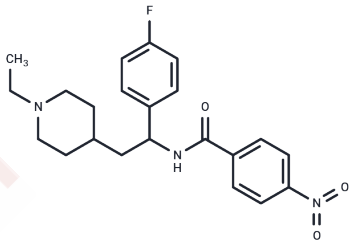
Data Sheet (Cat.No.T61913)

TargetMol

Cavutilide

Chemical Properties



CAS No. : 1276186-19-6

Formula: C22H26FN3O3

Molecular Weight: 399.458

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	Cavutilide has antiarrhythmic activity, inhibits hERG K(+) channels, and can be used to study heart failure and persistent atrial fibrillation.
Targets(IC50)	EGFR,Others,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5034 mL	12.5169 mL	25.0338 mL
5 mM	0.5007 mL	2.5034 mL	5.0068 mL
10 mM	0.2503 mL	1.2517 mL	2.5034 mL
50 mM	0.0501 mL	0.2503 mL	0.5007 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

Beliaeva MM,et al. Intravenous Cavutilide for Pharmacological Conversion of Paroxysmal and Persistent Atrial Fibrillation in Patients with Heart Failure. J Cardiovasc Dev Dis. 2023 Dec 6;10(12):487.

Abramochkin DV, et al. Characterization of hERG K+ channel inhibition by the new class III antiarrhythmic drug cavutilide. Naunyn Schmiedebergs Arch Pharmacol. 2024 Jan 15.

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