

KCa2 channel modulator 2

Chemical Properties

CAS No. :

Formula: C16H15ClFN5

Molecular Weight: 331.78

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	KCa2 channel modulator 2 (compound 2q) is an effective, subtype-selective K/Ca 2 channel positive modulator with similar potency on the human K Ca 2.3 channel and rat K Ca 2.2a subtypes, exhibiting EC50 values of 0.60 μ M and 0.64 μ M, respectively [1].
Targets(IC50)	Others,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.014 mL	15.0702 mL	30.1405 mL
5 mM	0.6028 mL	3.014 mL	6.0281 mL
10 mM	0.3014 mL	1.507 mL	3.014 mL
50 mM	0.0603 mL	0.3014 mL	0.6028 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.

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