

PF-06807656

Chemical Properties

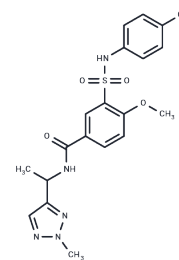
CAS No. :

Formula: C₁₉H₂₀ClN₅O₄S

Molecular Weight: 449.91

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	PF-06807656 is insensitive to the introduction of the N171D mutation in the ROMK conduction pore that greatly diminishes the activity of other small-molecule inhibitors. PF-06807656 is an effective ROMK inhibitor (Tl+ flux IC ₅₀ = 160 nM).
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2227 mL	11.1133 mL	22.2267 mL
5 mM	0.4445 mL	2.2227 mL	4.4453 mL
10 mM	0.2223 mL	1.1113 mL	2.2227 mL
50 mM	0.0445 mL	0.2223 mL	0.4445 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

Sammons M F , Kharade S V , Filipski K J , et al. Discovery and in Vitro Optimization of 3-Sulfamoylbenzamides as ROMK Inhibitors.[J]. Acs Medicinal Chemistry Letters, 2018:acsmedchemlett.7b00481.

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