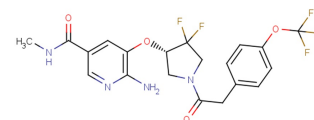


PF-06733804

Chemical Properties

CAS No.: 1873373-33-1
 Formula: C₂₀H₁₉F₅N₄O₄
 Molecular Weight: 474.38
 Appearance: N/A
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PF-06733804 is a potent inhibitor of pan-Trk in cell-based assays (IC ₅₀ s: 8.4 nM, 6.2 nM, and 2.2 nM for TrkA, TrkB, and TrkC) with anti-hyperalgesic effect.
Targets(IC ₅₀)	TrkA: 8.4 nM TrkB: 6.2 nM (in cell-based assays) TrkC: 2.2 nM (in cell-based assays)
In vitro	In the FP and PX assay, PF-06733804 inhibits hERG with IC ₅₀ s of 79 μM and 88 μM, respectively.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.108 mL	10.54 mL	21.08 mL
5 mM	0.422 mL	2.108 mL	4.216 mL
10 mM	0.211 mL	1.054 mL	2.108 mL
50 mM	0.042 mL	0.211 mL	0.422 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Bagal SK, et al. Discovery of Potent, Selective, and Peripherally Restricted Pan-Trk Kinase Inhibitors for the Treatment of Pain. J Med Chem. 2018 Aug 9;61(15):6779-6800.

Inhibitors · Natural Compounds · Compound Libraries

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