

PF-06733804

## Chemical Properties

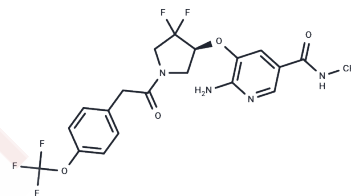
CAS No. : 1873373-33-1

Formula: C<sub>20</sub>H<sub>19</sub>F<sub>5</sub>N<sub>4</sub>O<sub>4</sub>

Molecular Weight: 474.38

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

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.108 mL	10.5401 mL	21.0801 mL
5 mM	0.4216 mL	2.108 mL	4.216 mL
10 mM	0.2108 mL	1.054 mL	2.108 mL
50 mM	0.0422 mL	0.2108 mL	0.4216 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

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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