

PF-06455943

Chemical Properties

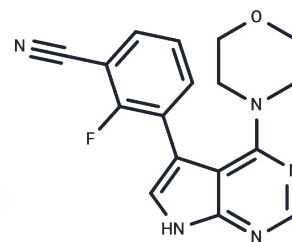
CAS No. : 1527474-15-2

Formula: C₁₇H₁₄FN₅O

Molecular Weight: 323.32

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-06455943, a leucine rich repeat kinase 2 (LRRK2) inhibitor, exhibits an inhibition concentration (IC ₅₀) value of 3 nM and also functions as a PET radioligand. It is utilized in the research of ADME/neuro PK characterization and Parkinson's disease (PD).
Targets(IC ₅₀)	Others,LRRK2

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0929 mL	15.4646 mL	30.9291 mL
5 mM	0.6186 mL	3.0929 mL	6.1858 mL
10 mM	0.3093 mL	1.5465 mL	3.0929 mL
50 mM	0.0619 mL	0.3093 mL	0.6186 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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