

c-ABL-IN-5

Chemical Properties

CAS No. :

Formula: C19H17F2N3O

Molecular Weight: 341.35

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	C-ABL-IN-5, a selective c-Abl inhibitor, exhibits neuroprotective properties and has favorable characteristics including blood-brain barrier permeability, metabolic stability, and pharmacokinetic profiles. When labeled with [18F] (compound [18F]3), C-ABL-IN-5 serves as a tracer in positron emission tomography (PET) scans to assess disease-modifying effects, particularly in research on neurodegenerative conditions like Parkinson's disease (PD) [1].
Targets(IC50)	Bcr-Abl

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9295 mL	14.6477 mL	29.2954 mL
5 mM	0.5859 mL	2.9295 mL	5.8591 mL
10 mM	0.293 mL	1.4648 mL	2.9295 mL
50 mM	0.0586 mL	0.293 mL	0.5859 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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