

MK-6240

Chemical Properties

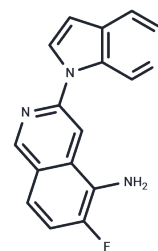
CAS No. : 1841078-87-2

Formula: C₁₆H₁₁FN₄

Molecular Weight: 278.28

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	MK-6240 is a tau positron emission tomography (PET) tracer for neurofibrillary tangles (NFTs). MK-6240 exhibits high specificity and selectivity for binding to NFTs.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 12.5 mg/mL (44.92 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5935 mL	17.9675 mL	35.935 mL
5 mM	0.7187 mL	3.5935 mL	7.187 mL
10 mM	0.3594 mL	1.7968 mL	3.5935 mL
50 mM	0.0719 mL	0.3594 mL	0.7187 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.

Reference

Walji AM, et al. Discovery of 6-(Fluoro-(18)F)-3- (1H-pyrrolo [2,3-c]pyridin-1-yl) isoquinolin-5-amine ([18F]-MK-6240): A Positron Emission Tomography (PET) Imaging Agent for Quantification of Neurofibrillary Tangles (NFTs). J

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