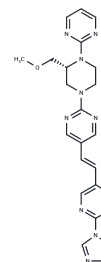


MK-7337

Chemical Properties

CAS No. : 3056154-69-6
 Formula: C₂₄H₂₅N₉O
 Molecular Weight: 455.52
 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	MK-7337 is a high-affinity α -synuclein PET (positron emission tomography) ligand. Isotope-labeled MK-7337 serves as a PET tracer for imaging neurodegenerative diseases such as Parkinson's disease.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1953 mL	10.9765 mL	21.9529 mL
5 mM	0.4391 mL	2.1953 mL	4.3906 mL
10 mM	0.2195 mL	1.0976 mL	2.1953 mL
50 mM	0.0439 mL	0.2195 mL	0.4391 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

Mitchell H, et al. Discovery of [¹¹C]MK-7337, a novel high-affinity alpha-synuclein PET ligand for imaging in idiopathic Parkinson's disease patients. ACS Fall 2025. 2025 Aug 20.

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