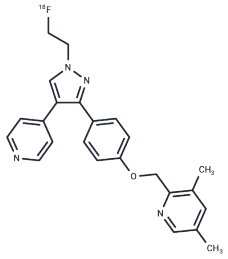
Data Sheet (Cat.No.T32307)

TargetMol

JNJ-42259152 F-18

Chemical Properties



CAS No. : 1301167-89-4

Formula: C24H23FN4O

Molecular Weight: 401.47

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	JNJ-42259152 F-18 can be used as a Novel Phosphodiesterase 10A PET Tracer.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4908 mL	12.4542 mL	24.9085 mL
5 mM	0.4982 mL	2.4908 mL	4.9817 mL
10 mM	0.2491 mL	1.2454 mL	2.4908 mL
50 mM	0.0498 mL	0.2491 mL	0.4982 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

Van Laere K, Ahmad RU, Hudyana H, Dubois K, Schmidt ME, Celen S, Bormans G, Koole M. Quantification of 18F-JNJ-42259152, a novel phosphodiesterase 10A PET tracer: kinetic modeling and test-retest study in human brain. J Nucl Med. 2013 Aug;54(8):1285-93. doi: 10.2967/jnumed.112.118679. Epub 2013 Jul 10. PubMed PMID: 23843566.

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