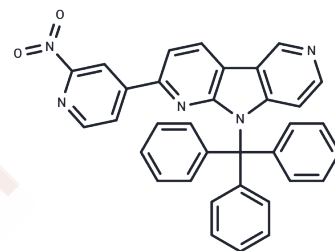


Tau tracer 1

Chemical Properties

CAS No. :	2173353-53-0
Formula:	C ₃₄ H ₂₃ N ₅ O ₂
Molecular Weight:	533.591
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	Tau tracer 1 is a radiopharmaceutical agent designed specifically for visualizing Tau protein aggregates, commonly associated with neurodegenerative diseases. Its primary application lies in the diagnosis of these conditions.
Targets(IC50)	Others, Microtubule Associated
In vitro	Tau tracer 1 (compound 13) effectively detects Tau-related disorders and abnormalities, such as Alzheimer's disease and other tauopathies, via Positron Emission Tomography (PET) Imaging[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8741 mL	9.3705 mL	18.741 mL
5 mM	0.3748 mL	1.8741 mL	3.7482 mL
10 mM	0.1874 mL	0.937 mL	1.8741 mL
50 mM	0.0375 mL	0.1874 mL	0.3748 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

Heiko Kroth, et al. Compounds for imaging tau protein aggregates. WO2018015549A1.

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