

L-Dopa precursor-1

Chemical Properties

CAS No. :	2377146-66-0
Formula:	C33H54BNO12
Molecular Weight:	667.6
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	L-Dopa precursor-1 (Compound 5a) is the precursor of 18F-L-Dopa. Serving as the core basis for a radiolabeling precursor, L-Dopa precursor-1 facilitates the introduction of non-metal radioactive elements through radiolabeling reactions. This compound can be utilized in studies related to renal denervation (RDN) surgery for refractory hypertension and chronic kidney disease.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4979 mL	7.4895 mL	14.979 mL
5 mM	0.2996 mL	1.4979 mL	2.9958 mL
10 mM	0.1498 mL	0.749 mL	1.4979 mL
50 mM	0.030 mL	0.1498 mL	0.2996 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.

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