

HYNIC-iPSMA TFA

Chemical Properties

CAS No. : 2375849-11-7

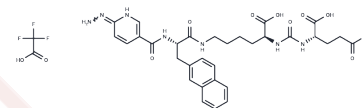
Formula: C33H38F3N7O11

Molecular Weight: 765.69

Keep away from moisture

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	HYNIC-iPSMA TFA serves as a ligand in the molecular imaging of tumors. It comprises HYNIC (6-hydrazinonicotinamide), which is employed to bind radioactive isotopes to target molecules, and iPSMA (Inhibitor of Prostate-Specific Membrane Antigen), a specific inhibitor of PSMA. 68GA-labeled iPSMA is utilized for detecting prostate cancer through PET imaging. Additionally, 99mTc-EDDA/HYNIC-iPSMA TFA exhibits remarkable specificity and sensitivity.
Targets(IC50)	PSMA

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.306 mL	6.5301 mL	13.0601 mL
5 mM	0.2612 mL	1.306 mL	2.612 mL
10 mM	0.1306 mL	0.653 mL	1.306 mL
50 mM	0.0261 mL	0.1306 mL	0.2612 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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