

Lu-AAZTA-NI-PSMA-093

Chemical Properties

CAS No. :

Formula: C63H82LuN14O26

Molecular Weight: 1626.37

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	Lu-AAZTA-NI-PSMA-093, a bivalent radiopharmaceutical agent designed for prostate cancer treatment, improves tumor targeting and retention. This is achieved by integrating a hypoxia-sensitive nitroimidazole (NI) group with a prostate-specific membrane antigen (PSMA) targeting moiety.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6149 mL	3.0743 mL	6.1487 mL
5 mM	0.123 mL	0.6149 mL	1.2297 mL
10 mM	0.0615 mL	0.3074 mL	0.6149 mL
50 mM	0.0123 mL	0.0615 mL	0.123 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

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