

EB-PSMA-617

Chemical Properties

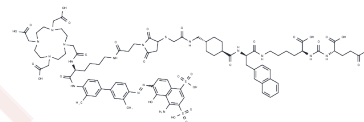
CAS No. : 2250333-97-0

Formula: C₈₈H₁₁₂N₁₆O₂₈S₃

Molecular Weight: 1938.12

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	EB-PSMA-617 is an advanced version of PSMA-617, designed to enhance pharmacokinetic properties through conjugation with Evans Blue (EB), thereby extending its circulation half-life for improved prostate tumor targeting and radiotherapy effectiveness. In preclinical studies with PC3-PIP-loaded mice, EB-PSMA-617 showed an extended blood half-life, greater accumulation in PSMA-positive tumors, and effective tumor elimination with reduced radioactivity.
Targets(IC50)	Drug-Linker Conjugates for ADC,PSMA

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.516 mL	2.5798 mL	5.1596 mL
5 mM	0.1032 mL	0.516 mL	1.0319 mL
10 mM	0.0516 mL	0.258 mL	0.516 mL
50 mM	0.0103 mL	0.0516 mL	0.1032 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481