

DOTA-EB-TATE

Chemical Properties

CAS No. :

Formula: C105H133N21O30S5

Molecular Weight: 2329.63

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	DOTA-EB-TATE is formed by combining the SST peptide derivative DOTA-octreotate with an Evans blue analog (EB). This peptide drug conjugate (PDC) enhances the pharmacokinetics of SSTR2 analogs and reduces PRRT toxicity. Additionally, DOTA-EB-TATE serves in the synthesis/research of radiopharmaceutical conjugates (RDC).
Targets(IC50)	Somatostatin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4293 mL	2.1463 mL	4.2925 mL
5 mM	0.0859 mL	0.4293 mL	0.8585 mL
10 mM	0.0429 mL	0.2146 mL	0.4293 mL
50 mM	0.0086 mL	0.0429 mL	0.0859 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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