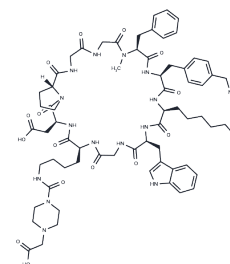


FAP targeting peptide for FXX489

Chemical Properties

CAS No. :	3076328-74-7
Formula:	C67H91N15O15
Molecular Weight:	1346.53
Storage:	Store at low temperature 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	The FAP-targeting peptide for FXX489 constitutes the peptide moiety of FXX489, suitable for biochemical assays and drug synthesis studies. FXX489 is a fibroblast activation protein (FAP)-targeting ligand employed in radioligand therapy (RLT) for multiple cancers.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (59.41 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7426 mL	3.7132 mL	7.4265 mL
5 mM	0.1485 mL	0.7426 mL	1.4853 mL
10 mM	0.0743 mL	0.3713 mL	0.7426 mL
50 mM	0.0149 mL	0.0743 mL	0.1485 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.

Reference

Ravit Geva, et al. Abstract CT112: Phase I open-label, multi-center study to evaluate the safety, tolerability, dosimetry, and preliminary activity of FXX489 ([¹⁷⁷Lu]Lu-NNS309) in patients with pancreatic, lung, breast and colorectal cancers. Cancer Res (2025) 85 (8_Supplement_2): CT112.

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