

TcO-ABX474

Chemical Properties

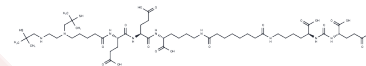
CAS No. : 3019987-06-2

Formula: C₅₁H₈₉N₉O₁₈S₂

Molecular Weight: 1180.43

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	TcO-ABX474 (TcO-5) is a potent inhibitor of the prostate-specific membrane antigen (PSMA), with a K _d value of 6.1 nM. This compound can effectively inhibit the growth and metastasis of prostate cancer cells and holds potential for use in prostate cancer research.
Targets(IC ₅₀)	PSMA

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8471 mL	4.2357 mL	8.4715 mL
5 mM	0.1694 mL	0.8471 mL	1.6943 mL
10 mM	0.0847 mL	0.4236 mL	0.8471 mL
50 mM	0.0169 mL	0.0847 mL	0.1694 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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