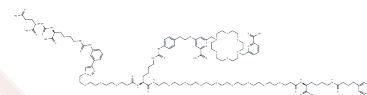


## PSMA-trillium

## Chemical Properties

CAS No. :	3036415-37-6
Formula:	C106H156IN17O34S
Molecular Weight:	2371.44
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	PSMA-trillium is a PSMA-targeting compound comprising a PSMA-targeting molecule (PSMA binding agent), a Macropa chelator, and a pharmacokinetics-modulating group (PK modulator). It acts as the non-radioactive variant of Actinium-225-PSMA-Trillium (BAY 3563254), boasting enhanced PSMA targeting and pharmacokinetic properties. PSMA-trillium can bind with Ac through either the Macropa chelator or the radioactive isotope Actinium-225. Actinium-225-PSMA-Trillium effectively inhibits metastatic castration-resistant prostate cancer (mCRPC).
Targets(IC50)	PSMA

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4217 mL	2.1084 mL	4.2168 mL
5 mM	0.0843 mL	0.4217 mL	0.8434 mL
10 mM	0.0422 mL	0.2108 mL	0.4217 mL
50 mM	0.0084 mL	0.0422 mL	0.0843 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.

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