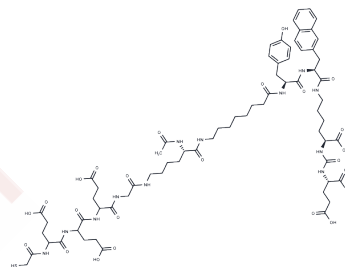


BQ0413

Chemical Properties

CAS No. : 3055338-52-5
 Formula: C₆₉H₉₆N₁₂O₂₄S
 Molecular Weight: 1509.63
 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	BQ0413 exhibits high affinity for PSMA, with a dissociation constant (KD) of 89 pM. It demonstrates effective uptake and internalization, with an internalization rate of 44% in PC3-pip cells. After being labeled with [99mTc], BQ0413 can serve as an imaging agent for tumors.
Targets(IC50)	PSMA

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6624 mL	3.3121 mL	6.6241 mL
5 mM	0.1325 mL	0.6624 mL	1.3248 mL
10 mM	0.0662 mL	0.3312 mL	0.6624 mL
50 mM	0.0132 mL	0.0662 mL	0.1325 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481