

Tc-BQ0413

Chemical Properties

CAS No. :

Formula: C69H92N12O25STc

Molecular Weight: 1620.51

Keep away from direct sunlight

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 | Tc-BQ0413 specifically binds to prostate-specific membrane antigen (PSMA) with high affinity. When labeled with technetium-99m (Tc-99m), Tc-BQ0413 serves as an imaging agent for single-photon emission computed tomography (SPECT). |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.6171 mL | 3.0854 mL | 6.1709 mL |
| 5 mM | 0.1234 mL | 0.6171 mL | 1.2342 mL |
| 10 mM | 0.0617 mL | 0.3085 mL | 0.6171 mL |
| 50 mM | 0.0123 mL | 0.0617 mL | 0.1234 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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