

DOTA-NHS-ester TFA

Chemical Properties

CAS No. :

Formula: C₂₂H₃₂F₃N₅O₁₂

Molecular Weight: 615.51

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	DOTA-NHS-ester (TFA) serves as a linker for affibody molecules, and it is applicable in small animal imaging techniques such as positron emission tomography (PET), single-photon emission computed tomography (SPECT), and CT scans. It can also be used to label radiopharmaceuticals or imaging probes for tumor detection.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6247 mL	8.1233 mL	16.2467 mL
5 mM	0.3249 mL	1.6247 mL	3.2493 mL
10 mM	0.1625 mL	0.8123 mL	1.6247 mL
50 mM	0.0325 mL	0.1625 mL	0.3249 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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