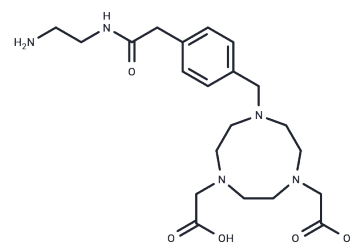


NH2-MPAA-NODA

Chemical Properties

CAS No. : T18488
Formula: C₂₁H₃₃N₅O₅
Molecular Weight: 435.52
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	NH2-MPAA-NODA, a nitroveratryl-based photocleavable linker featuring a NODA motif and a methyl phenyl acetic acid (MPAA) backbone, serves as a radiolabel when labeled with 18F-fluoride.
Targets(IC50)	Others
In vitro	NH2-MPAA-NODA combines the 1,4,7-triazacyclononane-1,4-diacetate (NODA) structure with a methyl phenyl acetic acid (MPAA) skeleton, making it highly capable of forming stable Al18F-chelates. This compound facilitates the synthesis of fluoroaluminates through the interaction with AlF ₃ . NH2-MPAA-NODA's functionality extends to conjugation with certain inhibitors/antagonists tagged with 18F, enabling PET imaging for tumor targeting. Additionally, it serves as an efficient radiolabel for peptides.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2961 mL	11.4805 mL	22.9611 mL
5 mM	0.4592 mL	2.2961 mL	4.5922 mL
10 mM	0.2296 mL	1.1481 mL	2.2961 mL
50 mM	0.0459 mL	0.2296 mL	0.4592 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.

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:36 Washington Street,Wellesley Hills,MA 02481