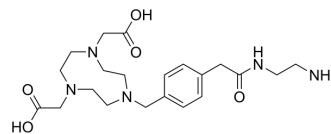


NH2-MPAA-NODA

Cat. No.:	HY-135859		
Molecular Formula:	C ₂₁ H ₃₃ N ₅ O ₅		
Molecular Weight:	435.52		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	NH2-MPAA-NODA is a nitroveratryl-based photocleavable linker, it has a NODA motif and a methyl phenyl acetic acid (MPAA) backbone ^[1] . NH2-MPAA-NODA can be used as a radiolabel by labeling with ¹⁸ F-fluoride.
IC₅₀ & Target	IC50: Nitroveratryl-based photocleavable linker
In Vitro	<p>NH2-MPAA-NODA contains the 1,4,7-triazacyclononane-1,4-diacetate (NODA) motif with a methyl phenyl acetic acid (MPAA) backbone, and it has enough ability to form stable Al¹⁸F-chelates. The organ of luoroaluminates are easily accessible from the reaction of 1 and AlF₃.</p> <p>NH2-MPAA-NODA can be conjugated to some inhibitors/antagonists labeled with ¹⁸F for PET imaging of targeting tumors. It also can be used as a radiolabel of peptides^[1]</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

Caution: Product has not been fully validated for medical applications. For research use only.

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