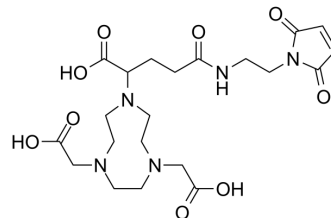


MMA-NODAGA

Cat. No.:	HY-160607
CAS No.:	1440903-11-6
Molecular Formula:	C ₂₁ H ₃₁ N ₅ O ₉
Molecular Weight:	497.5
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MMA-NODAGA is a chelator for site-specific labeling of targeting proteins containing unpaired cysteine. MMA-NODAGA can be used to conjugate with exosome and ⁶⁴Cu in image with positron emission tomography (PET)^{[1]<[2]}.

REFERENCES

[1]. Sara F F Almeida , et al. Osteosarcoma-Derived Exosomes as Potential PET Imaging Nanocarriers for Lung Metastasis. *Small*. 2022 Dec;18(49):e2203999.

[2]. Mohamed Altai, et al. Influence of nuclides and chelators on imaging using affibody molecules: comparative evaluation of recombinant affibody molecules site-specifically labeled with ⁶⁸Ga and ¹¹¹In via maleimido derivatives of DOTA and NODAGA. *Bioconjug Chem*. 2013 Jun 19;24(6):1102-9.

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

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