Product Data Sheet

Product Name: MMA-NODAGA TFA
Cat. No.: GC81534

Chemical Properties

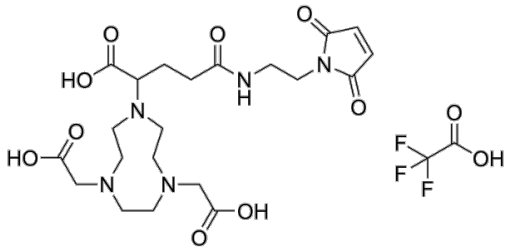
Cas. No.

Formula	$C_{23}H_{32}F_3N_5O_{11}$	M.Wt	611.52
Solubility		Storage	Store at -20°C, sealed storage, away from moisture and light

General tips: For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.

Shipping Condition: Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

MMA-NODAGA TFA is a chelator for site-specific labeling of targeting proteins containing unpaired cysteine. MMA-NODAGA TFA can be used to conjugate with exosome and 64 Cu 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.

Caution: Product has not been fully validated for medical applications. For research use only.
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[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 ^{68}Ga and ^{111}In via maleimido derivatives of DOTA and NODAGA. Bioconjug Chem. 2013 Jun 19;24(6):1102-9.