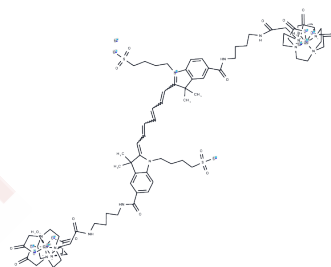


Gd-NMC-3

Chemical Properties

CAS No. :	2678579-76-3
Formula:	C77H114Gd2N14O24S2
Molecular Weight:	1998.44
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Gd-NMC-3, a bimodal imaging probe, exhibits high resolution and sensitivity for tumor imaging with favorable biocompatibility, demonstrating significant potential for application in near-infrared fluorescence/magnetic resonance (NIRF/MR) imaging [1].
Targets(IC50)	Others
In vitro	Gd-NMC-3 exhibits peak excitation and emission wavelengths at 755 nm and 792 nm, respectively.
In vivo	Gd-NMC-3 (20 mg/kg; i.v.) demonstrates exceptional tumor-targeting capabilities, provides high-resolution and sensitive imaging, and facilitates real-time visual navigation for tumor resection in LM3 orthotopic and subcutaneous models [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5004 mL	2.502 mL	5.0039 mL
5 mM	0.1001 mL	0.5004 mL	1.0008 mL
10 mM	0.050 mL	0.2502 mL	0.5004 mL
50 mM	0.010 mL	0.050 mL	0.1001 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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