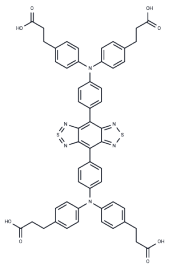
Data Sheet (Cat.No.T86043)

TargetMol

CH1055

Chemical Properties



CAS No. : 1622250-38-7

Formula: C54H44N6O8S2

Molecular Weight: 969.09

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	CH1055 is a synthetic 970-Da NIR-II fluorophore that is rapidly excreted through the kidneys (~90% within 24 hours) and enables targeted molecular imaging of tumors in vivo when conjugated with anti-EGFR Affibody [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0319 mL	5.1595 mL	10.319 mL
5 mM	0.2064 mL	1.0319 mL	2.0638 mL
10 mM	0.1032 mL	0.5159 mL	1.0319 mL
50 mM	0.0206 mL	0.1032 mL	0.2064 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

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