

Neu5Ac-2Gal β 1-3Glc-oxazoline-(2)Me

Chemical Properties

CAS No. :	2823367-76-4
Formula:	C ₂₅ H ₄₀ N ₂ O ₁₈
Molecular Weight:	656.59
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	Neu5Ac-2Gal β 1-3Glc-oxazoline-(2)Me (Compound G12) is a disaccharide linker effectively recognized by the glycosidase Endo-S2. It can be selectively transferred to the conserved N-glycosylation site (Asn297) of the Fc domain of antibodies through an enzyme-catalyzed reaction, enabling site-specific modification of antibodies. This compound is useful in synthesizing antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.523 mL	7.6151 mL	15.2302 mL
5 mM	0.3046 mL	1.523 mL	3.046 mL
10 mM	0.1523 mL	0.7615 mL	1.523 mL
50 mM	0.0305 mL	0.1523 mL	0.3046 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.

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