

6-O-2-Propyn-1-yl-D-galactose

Chemical Properties

CAS No.:	881895-59-6
Formula:	C ₉ H ₁₄ O ₆
Molecular Weight:	218.2
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	6-O-2-Propyn-1-yl-D-galactose is a noncleavable glycolinker for the functionalization of cytotoxic drugs and applications in antibody-drug conjugation.
Targets(IC ₅₀)	Non-cleavable: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.583 mL	22.915 mL	45.83 mL
5 mM	0.917 mL	4.583 mL	9.166 mL
10 mM	0.458 mL	2.291 mL	4.583 mL
50 mM	0.092 mL	0.458 mL	0.917 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Ekholm FS, et al. Introducing Glycolinkers for the Functionalization of Cytotoxic Drugs and Applications in Antibody-Drug Conjugation Chemistry. ChemMedChem. 2016 Nov 21;11(22):2501-2505.

Inhibitors · Natural Compounds · Compound Libraries

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