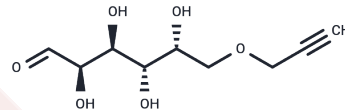


6-O-2-Propyn-1-yl-D-galactose

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 881895-59-6 |
| Formula: | C ₉ H ₁₄ O ₆ |
| Molecular Weight: | 218.2 |
| 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 | 6-O-2-Propyn-1-yl-D-galactose functions as an irreversible glycolinker, facilitating the attachment of cytotoxic drugs for applications in antibody-drug conjugation (ADC). |
| Targets(IC50) | ADC Linker,PROTAC Linker |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.583 mL | 22.9148 mL | 45.8295 mL |
| 5 mM | 0.9166 mL | 4.583 mL | 9.1659 mL |
| 10 mM | 0.4583 mL | 2.2915 mL | 4.583 mL |
| 50 mM | 0.0917 mL | 0.4583 mL | 0.9166 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.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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