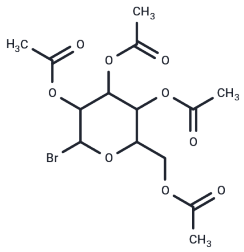
Data Sheet (Cat.No.T17326)

TargetMol

2,3,4,6-Tetra-o-acetyl-alpha-galactosylpyranosyl bromide

Chemical Properties



CAS No. : 529493-92-3

Formula: C14H19BrO9

Molecular Weight: 411.2

Storage: Keep away from direct sunlight
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	2,3,4,6-Tetra-o-acetyl-alpha-galactosylpyranosyl bromide is an alkyl chain-based PROTAC linker used in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4319 mL	12.1595 mL	24.3191 mL
5 mM	0.4864 mL	2.4319 mL	4.8638 mL
10 mM	0.2432 mL	1.216 mL	2.4319 mL
50 mM	0.0486 mL	0.2432 mL	0.4864 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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