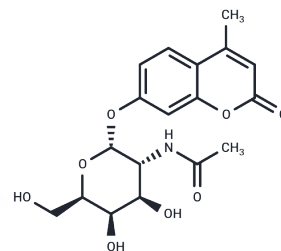


4-Methylumbelliferyl 2-acetamido-2-deoxy- α -D-galactopyranoside

Chemical Properties

CAS No. :	124223-99-0
Formula:	C ₁₈ H ₂₁ N ₀₈
Molecular Weight:	379.3612
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	4-Methylumbelliferyl 2-acetamido-2-deoxy- α -D-galactopyranoside is a fluorescent substrate employed to study the enzymatic activity of α -galactosidase. It is utilized for assessing enzyme activity in various biological samples, aiding scientists in understanding the enzyme's role within organisms. Additionally, it serves in screening potential compounds for inhibiting or activating this enzyme.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.636 mL	13.1801 mL	26.3602 mL
5 mM	0.5272 mL	2.636 mL	5.272 mL
10 mM	0.2636 mL	1.318 mL	2.636 mL
50 mM	0.0527 mL	0.2636 mL	0.5272 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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