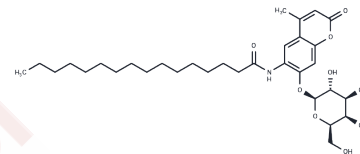


6-Hexadecanoylamino-4-methylumbelliferyl β -D-galactopyranoside

Chemical Properties

CAS No. :	94452-17-2
Formula:	C32H49NO9
Molecular Weight:	591.73
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	6-Hexadecanoylamino-4-methylumbelliferyl β -D-galactopyranoside is a specific fluorescent substrate used for detecting galactosidase activity. It serves a role in biomedical research to study enzyme-catalyzed reaction efficiency. Additionally, 6-Hexadecanoylamino-4-methylumbelliferyl β -D-galactopyranoside is extensively applied in the analysis of polysaccharides and carbohydrate enzymology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.690 mL	8.4498 mL	16.8996 mL
5 mM	0.338 mL	1.690 mL	3.3799 mL
10 mM	0.169 mL	0.845 mL	1.690 mL
50 mM	0.0338 mL	0.169 mL	0.338 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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