

6-Bromo-2-naphthyl- β -D-galactopyranoside

Chemical Properties

CAS No. : 15572-30-2

Formula: C₁₆H₁₇BrO₆

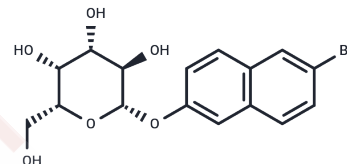
Molecular Weight: 385.21

Keep away from moisture, Keep away from direct sunlight

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-Bromo-2-naphthyl- β -D-galactopyranoside is a commonly used chromogenic substrate for detecting β -galactosidase activity. Hydrolysis by β -galactosidase produces a yellow precipitate, indicating the presence of the enzyme.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.596 mL	12.9799 mL	25.9599 mL
5 mM	0.5192 mL	2.596 mL	5.192 mL
10 mM	0.2596 mL	1.298 mL	2.596 mL
50 mM	0.0519 mL	0.2596 mL	0.5192 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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