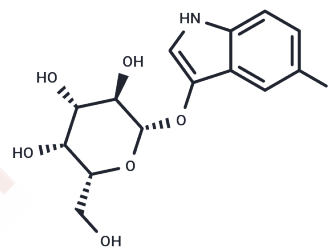


Purple- β -D-Gal

Chemical Properties

CAS No. :	36473-36-6
Formula:	C ₁₄ H ₁₆ INO ₆
Molecular Weight:	421.18
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	Purple- β -D-Gal, a chromogenic β -galactosidase substrate, undergoes enzymatic hydrolysis by intracellular β -galactosidase, yielding indoxyl molecules that oxidize and dimerize in situ to form water-insoluble indigo precipitates advantageous for β -galactosidase activity detection [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3743 mL	11.8714 mL	23.7428 mL
5 mM	0.4749 mL	2.3743 mL	4.7486 mL
10 mM	0.2374 mL	1.1871 mL	2.3743 mL
50 mM	0.0475 mL	0.2374 mL	0.4749 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481