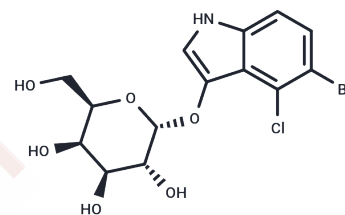


X-alpha-Gal

Chemical Properties

CAS No. :	107021-38-5
Formula:	C ₁₄ H ₁₅ BrClNO ₆
Molecular Weight:	408.63
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	X-alpha-Gal is a substrate for alpha-galactosidase. It is used for differentiating alpha-galactosidase-positive strains of yeast.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 240 mg/mL (587.33 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4472 mL	12.236 mL	24.472 mL
5 mM	0.4894 mL	2.4472 mL	4.8944 mL
10 mM	0.2447 mL	1.2236 mL	2.4472 mL
50 mM	0.0489 mL	0.2447 mL	0.4894 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

Yin K, Xu C, Zhao GH, Liu Y, Xiao T, Zhu S, Yan G. Construction of C35 gene bait recombinants and T47D cell cDNA library. Biosci Trends. 2017 Nov 20;11(5):550-556. doi: 10.5582/bst.2017.01161. Epub 2017 Oct 16. PubMed PMID: 29033401.

Hu H, Wang T, Chen J, Yu F, Liu H, Zuo Z, Yang Z, Fan H. Screening and identification of proteins interacting with IL-24 by the yeast two-hybrid screen, Co-IP, and FRET assays. Anticancer Drugs. 2016 Apr;27(4):318-27. doi: 10.1097/CAD.0000000000000343. PubMed PMID: 26930462.

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