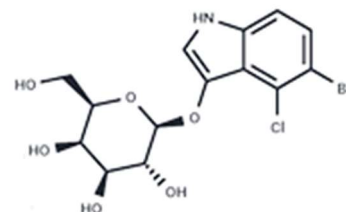


X-GAL

#Cat: NB-64-08987-1g	Size: 1 g
#Cat: NB-64-08987-2g	Size: 2 g
#Cat: NB-64-08987-100mg	Size: 100 mg
#Cat: NB-64-08987-200mg	Size: 200 mg
#Cat: NB-64-08987-500mg	Size: 500 mg

Chemical Properties:

CAS No:	7240-90-6
Formula:	C ₁₄ H ₁₅ BrClNO ₆
Molecular Weight:	408.63
Appearance:	no data available
Storage:	Keep away from direct sunlight, store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description:

Description	X-GAL (BCIG) is a widely used chromogenic substrate for β -galactosidase, which cleaves X-GAL to produce an insoluble blue compound.
Targets (IC50)	Others

Solubility Information:

Solubility	DMSO: 40 mg/mL (97.89 mM), (< 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins
This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use