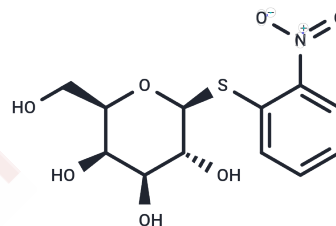


2-Nitrophenyl-β-D-thiogalactopyranoside

Chemical Properties

CAS No. :	1158-17-4
Formula:	C ₁₂ H ₁₅ NO ₇ S
Molecular Weight:	317.32
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	2-Nitrophenyl-β-D-thiogalactopyranoside (2-Nitrophenyl-beta-D-thiogalactopyranoside) is a chromogenic substrate used to detect the presence of galactosidase in various biological and biochemical assays.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1514 mL	15.757 mL	31.5139 mL
5 mM	0.6303 mL	3.1514 mL	6.3028 mL
10 mM	0.3151 mL	1.5757 mL	3.1514 mL
50 mM	0.063 mL	0.3151 mL	0.6303 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481