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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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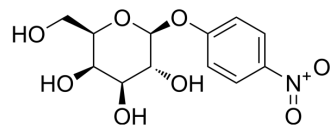
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4-Nitrophenyl β -D-galactopyranoside

Cat. No.:	HY-137550		
CAS No.:	3150-24-1		
Molecular Formula:	C ₁₂ H ₁₅ NO ₈		
Molecular Weight:	301.25		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (331.95 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.3195 mL	16.5975 mL	33.1950 mL
5 mM	0.6639 mL	3.3195 mL	6.6390 mL
10 mM	0.3320 mL	1.6598 mL	3.3195 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: \geq 5 mg/mL (16.60 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE- β -CD in saline)
Solubility: \geq 5 mg/mL (16.60 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

4-Nitrophenyl β -D-galactopyranoside is a derivative of beta-D-galactoside and monosaccharide. 4-Nitrophenyl β -D-galactopyranoside can be used for affinity label^[1].

REFERENCES

- [1]. Simerská P, et al. Application of selectively acylated glycosides for the alpha-galactosidase-catalyzed synthesis of disaccharides. Folia Microbiol (Praha). 2003;48(3):329-37.

Caution: Product has not been fully validated for medical applications. For research use only.

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