CD BioGlyco
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

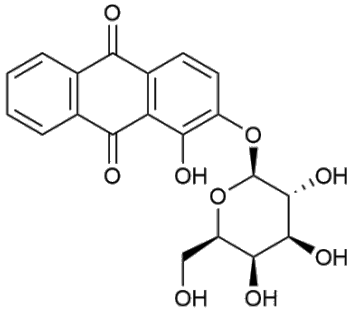
Chromogenic substrate alizarin 2-β-D-galactopyranoside

Cat. No.: X24-02-LY001

Size: 10 mg; 25 mg; 50 mg; 100mg

CAS Number: 288262-81-7

Synonym: 288262-81-7; Aliz-gal; Alizarin-gal; Alizarin-β-D-galactoside; Alizarin 2-beta-D-galactopyranoside; 2-(beta-D-Galactopyranosyloxy-)1-hydroxy-9,10-anthracenedione



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Hydrolysis of alizarin-2-β-D-galactopyranoside releases alizarin very readily, and alizarin complexes with metal ions to produce a variety of brightly colored complexes. Its maximum absorption and emission wavelengths are 447 nm and 476 nm, respectively.
Molecular Weight	402.35
Molecular Formula	$C_{20}H_{18}O_9$
Form	Powder
Purity	≥98%, determined by HPLC.
Solubility	It is soluble in *N*,*N*-Dimethylformamide(DMF).
Identity	Confirmed by FT-IR spectrum, ^{1}H NMR and ^{13}C-NMR spectrum.
Applications	Alizarin-2-beta-D-pyran galactoside can be used to measure the activity of the heme synthase, chemiluminescence or bioluminescence detection systems.
Storage	Store at -20°C.

Safety Information

Personal Protective Equipment	Gloves, Safety glasses, FFP2 or N95 masks

© CD BioGlyco. All Rights Reserved.