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Expressway to Discovery

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Resorufin β-D-galactopyranoside

Catalog Number	Packaging Size
C280	10 mg

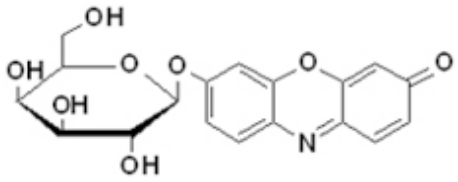
Storage upon receipt: -20°C, protected from light

Introduction

The fluorogenic β-galactosidase substrate **resorufin β-D-galactopyranoside** yields the hydrolysis product, resorufin, with absorption/emission maxima at 571/585 nm.

Specifications

Label:	Resorufin
Ex/Em:	571/585 nm
Detection Method:	Fluorescent
Molecular Formula:	$C_{18}H_{17}NO_8$
Molecular Weight:	375.33
CAS Number:	95079-19-9
Storage Conditions:	-20°C, protected from light
Shipping Condition:	Room Temperature



Applications

Galactosidase Substrate

References:

1. Flow Fluorimetric Investigations on Reaction Kinetics of a Growing Analytical Bioreactor.
Willems H, Sernetz M
Anal Chim Acta (1988) 213:245-245
2. Immobilized Enzyme Kinetics Analyzed by Flow-Through Microfluorimetry.
Resorufin-B-D-galactopyranoside as a New Fluorogenic Substrate for Galactosidase.
Hofmann J, Sernetz M
Anal Chim Acta (1984) 163:67-67
3. Subnanoliter enzymatic assays on microarrays.
Angenendt P, Lehrach H, Kreutzberger J, Glökler J
Proteomics (2005) 5:420-425