Creative Enzymes®

4-Methylumbelliferyl-β-D-glucuronide hydrate

Cat. No. CSUB-0291

Lot. No. (See product label)

Introduction

Applications	suitable as fluorogenic substrate for β-glucuronidase
Synonyms	4-Methylumbelliferyl-β-D-glucopyranosiduronic acid; MUG

Product Information

EC Number	228-186-0
CAS No.	881005-91-0
Molecular Formula	C16H16O9 · xH2O
Molecular Weight	352.29 (anhydrous basis)
Impurities	λex 365 nm; λem 445 nm in 0.1 M phosphate pH 6.5
Solubility	DMSO: soluble 50 mg/mL, clear, colorless to very faintly yellow
Substrates	Glucuronidase, beta-
Quality	≤0.1% free 4-Methylumbelliferone

Storage and Shipping Information

Storage	-20°C