

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 λ_{ex} 365 nm; λ_{em} 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