Indoxyl β-D-glucoside

Product Number I 3750
Storage Temperature -0 °C

Product Description
Molecular Formula: C₁₄H₁₇NO₆
Molecular Weight: 295.3
CAS Number: 487-60-5
Melting Point: 57-58 °C.
Specific Rotation: -66° (10 mg/ml in water at 19 °C).

This product is a chromogenic substrate used in the detection of β-D-glucosidase activity. This has been used in filter assays to screen water sources and other media for various enterococci and C. perfringens contamination.²,³,⁴,⁵

Tissue specific, intracellular expression of β-D-glucosidase activity in plants has been assayed.⁶

Precautions and Disclaimer
For Laboratory Use Only. Not for drug, household or other uses.

References
1. The Merck Index, 10th ed. Entry# 4833.