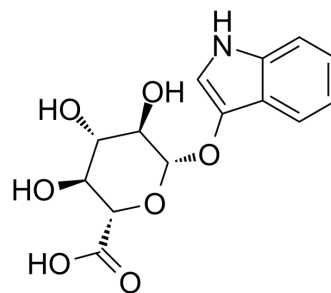


3-Indolyl- β -D-glucuronide

Cat. No.:	HY-113245
CAS No.:	35804-66-1
Molecular Formula:	C ₁₄ H ₁₅ NO ₇
Molecular Weight:	309.27
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	3-Indolyl- β -D-glucuronide, a chromogenic substrate for β -D-glucuronidase, employs in the detection and enumeration of E. coli, yielding a blue precipitate upon cleavage. 3-Indolyl- β -D-glucuronide in? patients' plasma act as a new indicator of renal failure ^{[1][2]} .
IC ₅₀ & Target	others

REFERENCES

- [1]. S Fujita, et al. [Evaluation of a new disk containing indoxyl-beta-D-glucuronide for rapid identification of Escherichia coli]. Rinsho Byori. 1996 Sep;44(9):895-8.
- [2]. S Agatsuma, et al. Indoxyl-beta-D-glucuronide and 3-indoxyl sulfate in plasma of hemodialysis patients. Clin Nephrol. 1996 Apr;45(4):250-6.

Caution: Product has not been fully validated for medical applications. For research use only.

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