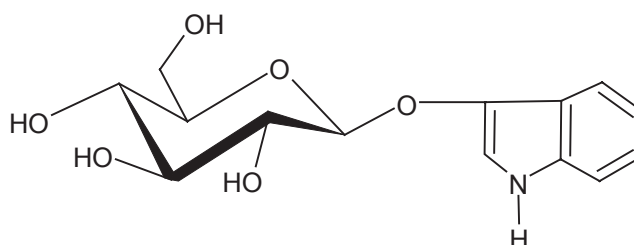




**INALCO PHARMACEUTICALS**  
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**DATA SHEET**  
enzyme substrate

**3-INDOXYL-β-D-GLUCOPYRANOSIDE**  
(INDOXYL-GLUCOSIDE)



Inalco code	1758-1375
C.A.S. R.N.	[487-60-5]
Applications	Chromogenic substrate for β-Glucosidase that, upon enzymatic action, forms a blue precipitate. It is used in microbiology culture media for the identification of β-Glucosidase positive organisms and in histochemistry for the detection of enzyme activity in tissues.
Formula	C <sub>14</sub> H <sub>17</sub> NO <sub>6</sub>
Molecular Weight	295.3
Appearance	White to off-white powder
Purity (TLC)	≥ 98%
Specific Rotation	[α] <sup>20</sup> <sub>D</sub> -73° ± 3 (c=0.5 in methanol)
Water Content (K.F.)	≤ 1%
Solubility	Clear and colorless (1% in methanol)
<sup>1</sup> H-NMR	Conforming to the structure
Storage	Store at 4° C; for long term storage hold at -20° C, protected from light and humidity.
Toxicity	Toxicity unknown; avoid exposure.