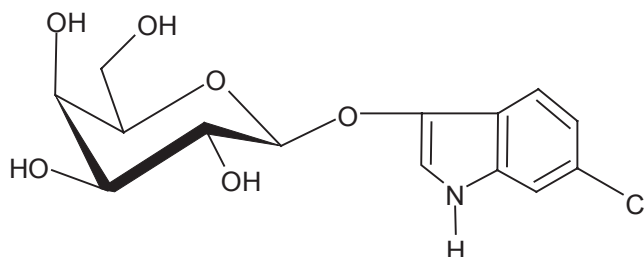




**INALCO PHARMACEUTICALS**  
www.inalcopharm.com

**DATA SHEET**  
enzyme substrate

**6-CHLORO-3-INDOLYL-β-D-GALACTOPYRANOSIDE**  
(SALMON-GAL)



Inalco code	1758-1100
C.A.S. R.N.	[138182-21-5]
Applications	Substrate for β-Galactosidase. After the enzymatic action, it produces a salmon-pink color, rather than the blue color of the X-derivative substrates. It is used as an alternative to X-Gal, for the enzyme activity detection in lac <sup>+</sup> bacterial colonies.
Formula	C <sub>14</sub> H <sub>16</sub> ClNO <sub>6</sub>
Molecular Weight	329.7
Appearance	White or slightly pink powder
Purity (TLC)	≥ 98%
Specific Rotation	[α] <sup>20</sup> <sub>D</sub> -49° ± 2 (c=1 in methanol)
Water Content (K.F.)	9.8% ± 1%
Solubility	Clear (1% in methanol)
<sup>1</sup> H-NMR	Conforming to the structure
Storage	Store at -20° C under inert gas; protect from light and humidity.
Toxicity	Toxicity unknown; avoid exposure.

THIS PRODUCT CANNOT BE SHIPPED TO DESTINATIONS IN THE UNITED STATES.