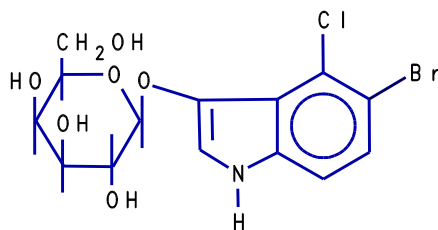


SPECIFICATIONS

5-BROMO-4-CHLORO-3-INDOLYL- β -D-GALACTOPYRANOSIDE



Catalogue Number	1161
CAS Registry Number	7240-90-6
Molecular Formula	C₁₄H₁₅BrClO₆
Molecular Weight	408.6 g.mol⁻¹
I.R.	Consistent with assigned structure
N.M.R.	Consistent with assigned structure
Purity (HPLC)*	≥ 99.0%
2% Solution in DMF	Clear & colorless
Appearance	White crystals
Optical Rotation	-61 ∓ 3 E
Storage	-15EC ∓ 5EC

*HPLC Conditions: 0.14 mg/mL, 50:50. Methanol:Water, 1 mL/min. 290 nm, Alltech Lichrosorb C-18 column

Use: Histochemical substrate for β -galactosidase, Horwitz, J.P., et.al., J. Med. Chem. 7, 574 (1964).

Substrate for β -galactosidase Positive Clones, Davies, R.W., Potstein, D., Ruth, J.R., (1980). Advanced Bacterial Genetics, Cold Spring Harbour, N.Y. Lodja, S. et.al. (1973). Histochemistry 34, 361-369.