



Product Information

X-GlcA

Cat. No.: XGB903

Size: 10 mg; 25 mg; 100 mg

MDL: MFCD00058543

CAS Number: 114162-64-0

PubChem Substance ID: 24891926

NACRES: NA.85

Synonym: 5-Bromo-4-chloro-3-indolyl β -D-glucuronide cyclohexylammonium salt, X-GlcA, X-glucuronide CHA salt

This product is for research use only and is not intended for diagnostic use.

Product Information

Molecular Weight	521.79
Empirical Formula	C ₁₄ H ₁₃ BrClNO ₇ · C ₆ H ₁₃ N
InChI	1S/C ₁₄ H ₁₃ BrClNO ₇ .C ₆ H ₁₃ N/c15-4-1-2-5-7(8(4)16)6(3-17-5)23-14-11(20)9(18)10(19)12(24-14)13(21)22;7-6-4-2-1-3-5-6/h1-3,9-12,14,17-20H,(H,21,22);6H,1-5,7H2/t9-,10-,11+,12-,14+;/m0./s1
SMILES string	NC1CCCCC1.O[C@@H]2[C@@H](O)[C@@H](O[C@@H]([C@H]2O)C(O)=O)Oc3c[nH]c4ccc(Br)c(Cl)c34
Form	powder
Purity	reagent for selection of recombinant bacterial clones
Solubility	DMF: soluble
Quality Level	200
Applications	Suitable for use in selection of recombinant bacterial colonies with the lac ⁺ phenotype. X-GlcA has been used in histochemical staining of root sections for light microscopic observation. Chromogenic substrate for β -glucuronidase (GUS) gene detection.
Storage	-20°C

Safety Information

Personal Protective Equipment	Eyeshields, Gloves, type N95 (US)
WGK Germany	WGK 3



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