



Product Information

Magenta-Gal

Cat. No.: XGB917

Size: 25 mg

MDL: MFCD02683897

CAS Number: 93863-88-8

PubChem Substance ID: 329773145

NACRES: NA.85

Synonym: 5-Bromo-6-chloro-3-indolyl β -D-galactopyranoside, Red-Gal

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

Product Information

Molecular Weight	408.63
Empirical Formula	C ₁₄ H ₁₅ BrClNO ₆
InChI	1S/C ₁₄ H ₁₅ BrClNO ₆ /c15-6-1-5-8(2-7(6)16)17-3-9(5)22-14-13(21)12(20)11(19)10(4-18)23-14/h1-3,10-14,17-21H,4H2/t10-,11+,12+,13-,14+/m1/s1
SMILES string	OC[C@H]1O[C@H](Oc2c[nH]c3cc(Cl)c(Br)cc23)[C@H](O)[C@@H](O)[C@H]1O
Form	powder
Purity	reagent for selection of recombinant bacterial clones
Solubility	methanol: soluble
Quality Level	200
Applications	Chromogenic substrate for β -galactosidase producing a red or magenta insoluble product. Suitable for use in selection of recombinant bacterial colonies with the lac ⁺ phenotype.
Storage	-20°C

Safety Information

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