



Product Information

Chlorophenol Red- β -D-galactopyranoside

Cat. No.: XGB916

Size: 25 mg; 100 mg

MDL: MFCD05863726

CAS Number: 99792-79-7

PubChem Substance ID: 57651696

NACRES: NA.83

Synonym: CPRG, Chlorophenol Red- β -D-galactoside

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

Product Information

Molecular Weight	585.41
Empirical Formula	C ₂₅ H ₂₂ Cl ₂ O ₁₀ S
InChI	1S/C ₂₅ H ₂₂ Cl ₂ O ₁₀ S/c26-15-9-12(5-7-17(15)29)21(14-3-1-2-4-20(14)38(33,34)35)13-6-8-18(16(27)10-13)36-25-24(32)23(31)22(30)19(11-28)37-25/h1-10,19,22-25,28,30-32H,11H2,(H,33,34,35)/b21-12-/t19-,22+,23+,24-,25-/m1/s1
SMILES string	<chem>OC[C@H]1O[C@@H](Oc2ccc(cc2Cl)C(=C3C=CC(=O)C(Cl)=C3)\c4ccccc4S(O)(=O)=O)[C@H](O)[C@@H](O)[C@H]1O</chem>
Form	powder or crystals
Purity	≥90% (HPLC)
Solubility	water: 20 mg/mL, clear, orange to very deep red
Applications	Suitable as substrate for β -galactosidase.
Storage	-20°C

Safety Information

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