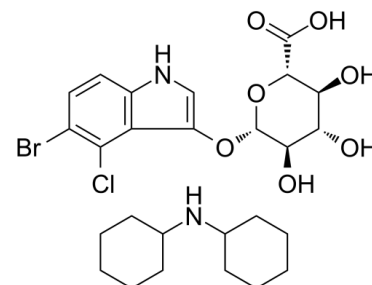


Data Sheet

Product Name:	X-Gluc (Dicyclohexylamine)
Cat. No.:	CS-3057
CAS No.:	18656-96-7
Molecular Formula:	C ₂₆ H ₃₆ BrClN ₂ O ₇
Molecular Weight:	603.93
Target:	Others
Pathway:	Others
Solubility:	DMSO : ≥ 30 mg/mL (49.67 mM)



BIOLOGICAL ACTIVITY:

X-Gluc Dicyclohexylamine is used as a reagent to detect β -glucuronidase, an enzyme produced by the E. Coli bacterium; is widely used in molecular biology experiments to mark and select the expression of target genes (GUS reporter system).

CAIndexNames:

Glucopyranosiduronic acid, 5-bromo-4-chloroindol-3-yl, compd. with dicyclohexylamine (1:1), β -D-

SMILES:

O[C@H]([C@@H](O)[C@@H]1O)[C@@H](O[C@@H]1C(O)=O)OC2=CNC3=C2C(Cl)=C(Br)C=C3.C4(CCCCC4)NC5CCCCC5

Caution: Product has not been fully validated for medical applications. For research use only.

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