

X-Gluc

5-bromo-4-chloro-3-indolyl- β -D-glucuronic acid, cyclohexylammonium salt

Catalog Number R0851, R0852

Pub. No. MAN0013159 Rev. B.00



WARNING! Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Sheets (SDSs) are available from thermofisher.com/support.

Contents and storage

Cat. No.	Contents	Amount	Molecular weight	Formula	Storage
R0851	X-Gluc	0.1 g	521.8	$C_{14}H_{13}BrClNO_7 \times C_6H_{13}N$	-20 °C in the dark
R0852		0.5 g			

Description

X-Gluc (5-bromo-4-chloro-3-indolyl- β -D-glucuronic acid, cyclohexylammonium salt) is a substrate for β -glucuronidase (GUS) which is encoded by *gusA*, a widely used reporter gene. Glucuronidase cleaves X-Gluc to produce colorless glucuronic acid and an intense blue precipitate of chloro-bromoindigo.

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