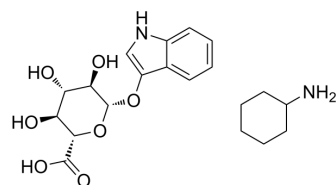


3-Indolyl-β-D-glucuronide cyclohexanamine

Cat. No.:	HY-W154341
CAS No.:	216971-58-3
Molecular Formula:	C ₂₀ H ₂₈ N ₂ O ₇
Molecular Weight:	408.45
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

3-Indolyl-β-D-glucuronide cyclohexanamine is the glucose component of X-Gluc staining buffer. 3-Indolyl-β-D-glucuronide cyclohexanamine can be used to detect gene expression. The active ingredient of the stain, β-Glucuronidase (GUS), reacts with the enzyme, causing the target gene to appear blue-purple in tissues or cells, so that the expression level and tissue distribution of the gene can be visually observed^[1].

REFERENCES

[1]. Kim SA, et al. Localization of iron in Arabidopsis seed requires the vacuolar membrane transporter VIT1. *Science*. 2006 Nov 24;314(5803):1295-8.

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

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