

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: GU116003

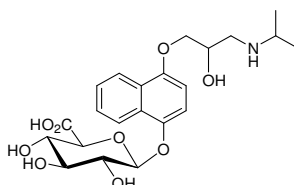
CAS No.: 94731-13-2 N/A

Product Name: 4-Hydroxy Propranolol-O-β-D-Glucuronide

Other Names: 3,4,5-Trihydroxy-6-[4-(2-hydroxy-3-isopropylamino-propoxy)-naphthalen-1-yloxy]-tetrahydro-pyran-2-carboxylic acid; 4-[2-Hydroxy-3-[(1-methylethyl)amino]propoxy]-1-naphthalenyl β-D-glucopyranosiduronic acid

Description: N/A

Structure:



Formula: C₂₂H₂₉NO₉

Mol.Wt.: 451.47

Exact Mass: 451.18

CHARACTERIZATION

| PROPERTY | OBSERVATION |
|---|-------------------------|
| Appearance & Physical State: | Off white, solid powder |
| Proton NMR (CD ₃ OD, 500 MHz): | Conforms |
| Mass Spectrometry (ESI-POS): | Conforms, [M+H] = 452.4 |
| Purity (>95% by HPLC): | Conforms, >96% |

BATCH INFORMATION

Lot No.: XXXXXX

Date Prepared: XXXXXX

NOTES

1. Store below -20°C.
2. Open when container and contents have reached room temperature.