

4-NITROPHENYL-α-D-GLUCOPYRANOSIDE (Lot 150401A)

O-PNPAG 04/15

Synonym: p-Nitrophenyl- α -D-glucopyranoside, pNP- α -D-glucopyranoside

CAS: 3767-28-0

Molecular

Formula: $C_{12}H_{15}NO_8$

MW: 301.3

PURITY: > 98%

HOHO OHO NO2

HPLC:

Column :- Acclaim 120 C18, 3 μ m (3 x 150 mm)

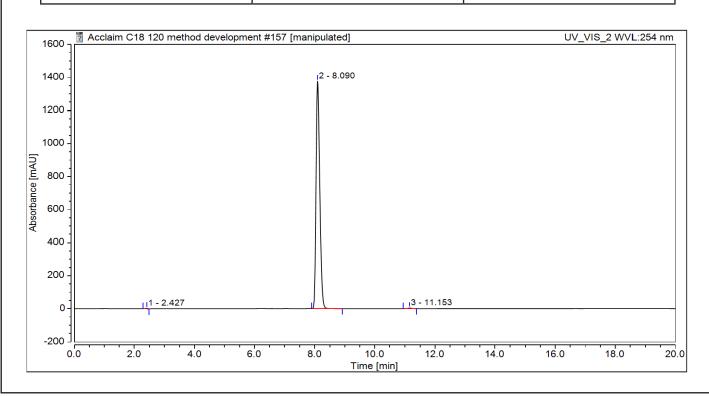
Temperature :- 55°C

Flow rate :- 0.4 mL/min (Eluent gradient shown below)

Detector :- UV (256 nm)

HPLC System :- Thermofisher U3000 Ultimate and Chromeleon v 7.0 software

Time (min)	H ₂ O (%)	CH₃CN (%)
0	90	10
I	90	10
13	80	20
15	90	10
20	90	10



!H-NMR: A Brüker Avance 400 was employed for ¹H NMR spectra (400.13 MHz). Resonances, ∂ , are in ppm units downfield from an internal reference in C₂D₆SO (∂_H = 2.50). SECTION OF THE PROPERTY OF THE