

4-NITROPHENYL- β -N-ACETYL-D-GLUCOSAMINIDE (Lot 150501)

O-PNPAG

05/15

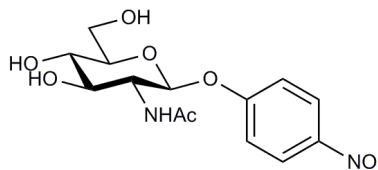
Synonym: *p*-Nitrophenyl- β -N-acetyl-D-glucosaminide, *p*NP- β -N-acetyl-D-glucosaminide, *p*NP- β -D-GlcNAc

CAS: 3459-18-5

Molecular

Formula: $C_{14}H_{18}N_2O_8$

MW: 342.3



Purity: > 98%

HPLC:

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

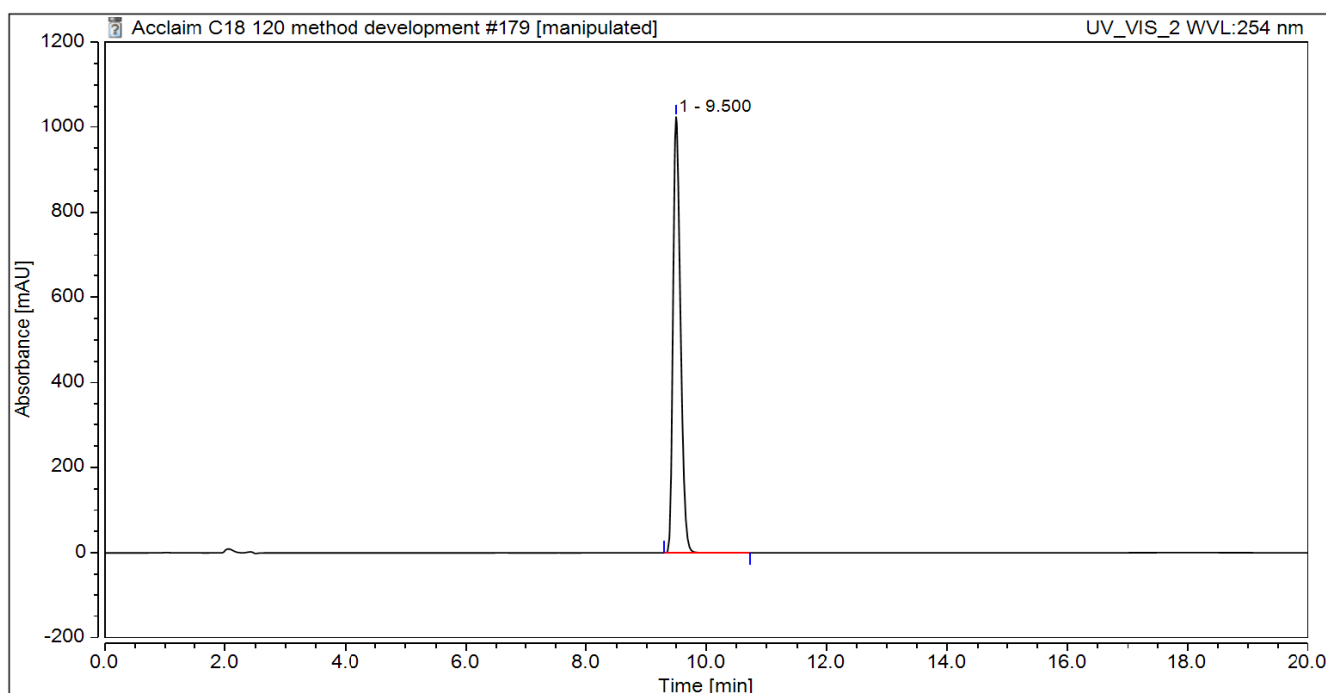
Temperature :- 55°C

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 + 0.1% TFA(%)	CH ₃ CN (%)
0	90	10
1	90	10
13	80	20
15	90	10
20	90	10



¹H-NMR:

A Brüker Avance 400 was employed for ¹H NMR spectra (400.13 MHz). Resonances, δ , are in ppm units downfield from an internal reference in C₂D₆SO ($\delta_{\text{H}} = 2.50$).

