

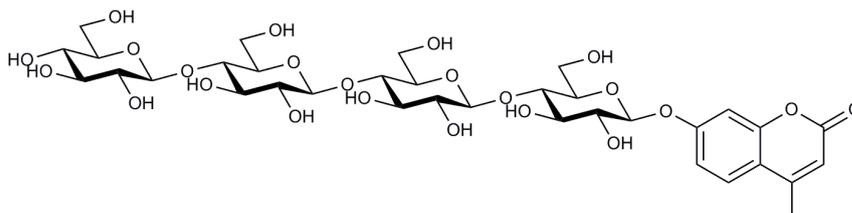


4-METHYLUMBELLIFERYL- β -CELLOTETRAOSIDE (Lot 181104)

O-4MUG4

11/18

CAS: 84325-19-9
Molecular Formula: $C_{34}H_{48}O_{23}$
MW: 824.7



PURITY: > 95% (HPLC)

HPLC:

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

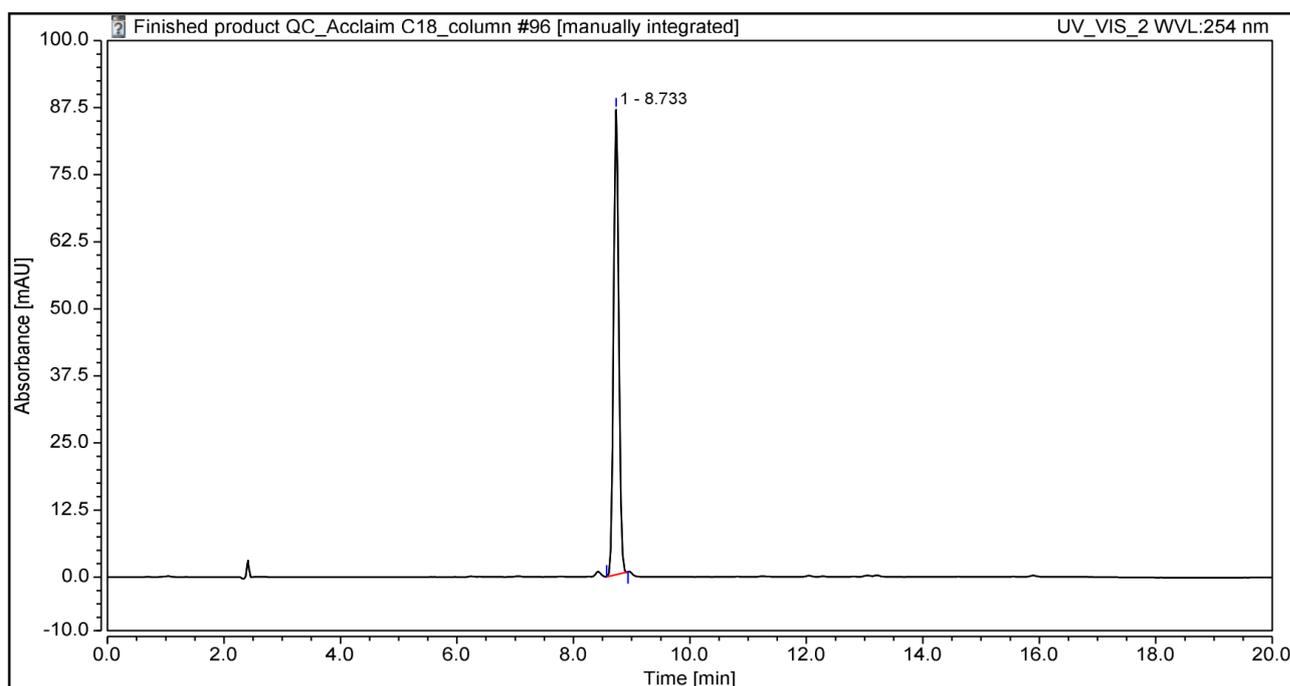
Temperature: 55°C

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

Detector: UV (254 nm)

HPLC System: Thermofisher U3000 Ultimate and Chromeleon v 7.0 software

Time (min)	H ₂ O (%)	CH ₃ CN (%)
0	90	10
1	90	10
13	80	20
15	90	10
20	90	10



NMR:

A Bruker Avance 400 was employed for ¹H NMR spectroscopy (400.13 MHz). Resonances δ, are in ppm units downfield from an internal reference in C₂D₆SO (δ_H = 2.50).

