



4-METHYLUMBELLIFERYL- β -CELLOPENTAOSIDE (Lot 151201a)

O-4MUG5

12/15

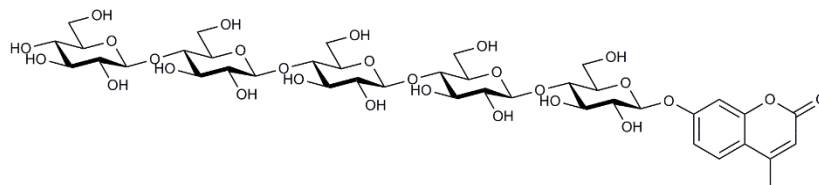
CAS No.: 84325-20-2

Molecular Formula

C₄₀H₅₈O₂₈

MW:

986.9



PURITY: > 85% (HPLC)

HPLC:

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

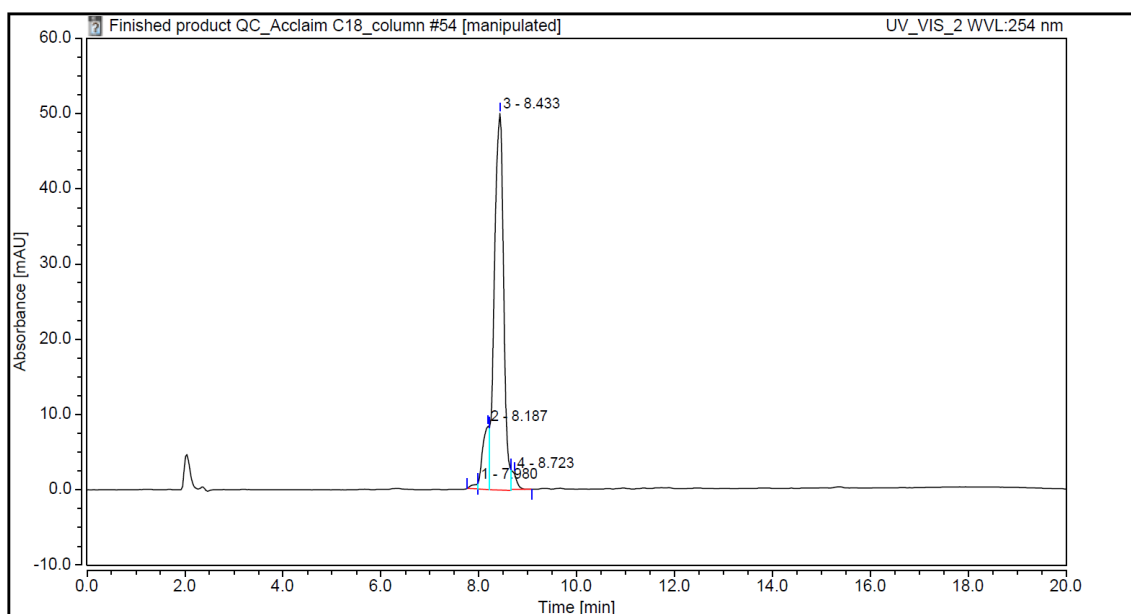
Temperature: 55°C

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 Brüker Avance 400 was employed for ^1H NMR spectroscopy (400.13 MHz). Resonances δ , are in ppm units downfield from an internal reference in $\text{C}_2\text{D}_6\text{SO}$ ($\delta_{\text{H}} = 2.50$).

