

CLICK ON THE UNDERLINED BLUE TEXT FOR DETAILS ON THE PRODUCTS USED IN THIS APPLICATION

TEST CONDITIONS

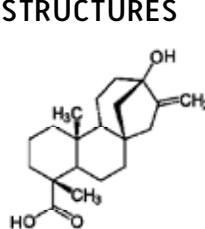
Chromatographic Conditions

Column:	ACQUITY UPLC® BEH Amide 2.1 x 100 mm, 1.7 µm
Part Number:	186004801
Mobile Phase A:	80/20 MeCN/H ₂ O with 0.10% ammonium hydroxide [NH ₄ OH]
Mobile Phase B:	30/70 MeCN/H ₂ O with 0.10% ammonium hydroxide [NH ₄ OH]
Flow Rate:	0.20 mL/min
Flow Profile:	95% A/5% B (77.5% MeCN with 0.10% NH ₄ OH)
Injection Volume:	1.3 µL (PLNO)
Sample Concentration:	50 µg/mL stevia, 10 µg/mL truvia
Sample Diluent:	50/50 MeCN/H ₂ O
Column Temperature:	35 °C
Strong Needle Wash:	20/80 MeCN/H ₂ O (800 µL)
Weak Needle Wash:	75/25 MeCN/H ₂ O (500 µL)
Seal Wash:	50/50 MeCN/H ₂ O
Instrument:	Waters ACQUITY UPLC with ACQUITY TQD

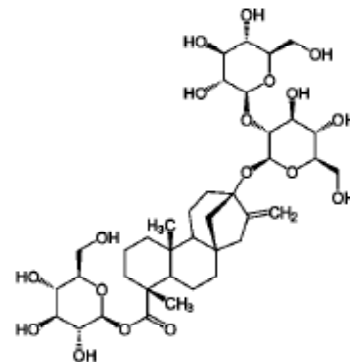
Mass Spectrometer Conditions

Ionization Mode:	ES ⁻
Capillary:	2.8 kV
Cone Voltage:	25 V
Source Temperature:	120 °C
Desolvation Temperature:	350 °C
Desolvation Gas Flow:	500 L/Hr
Cone:	50 L/Hr
SIR (m/z):	317.5 (steviol); 803.8 (stevioside); 950.1 (rebaudioside C); 966.1 (rebaudioside A)
Dwell Time:	0.08 s

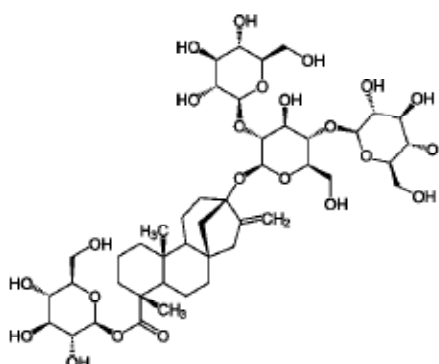
STRUCTURES



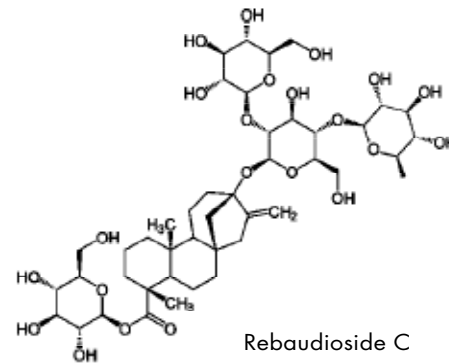
Steviol



Stevioside



Rebaudioside A



Rebaudioside C

