

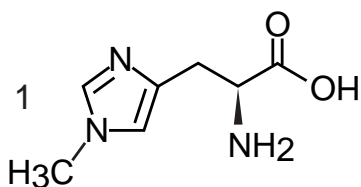
Intrada Amino Acid

100 x 3 mm

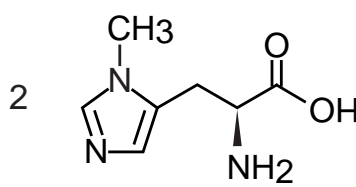
Application

LC-MS: Histidine derivatives

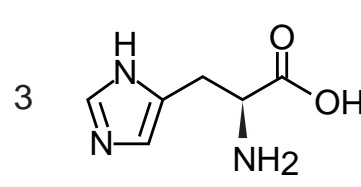
ヒスチジン誘導体のLC-MS分析



1-methyl-L-histidine



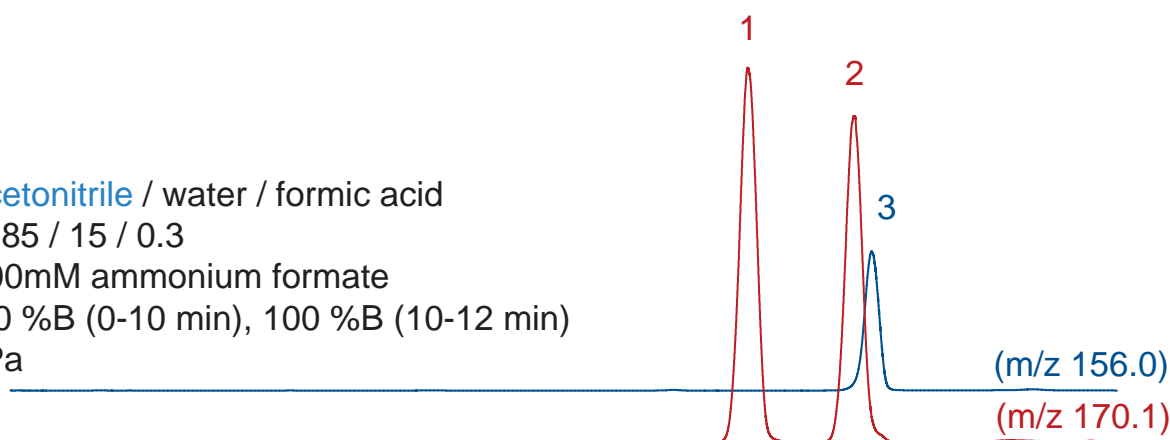
3-methyl-L-histidine



L-histidine

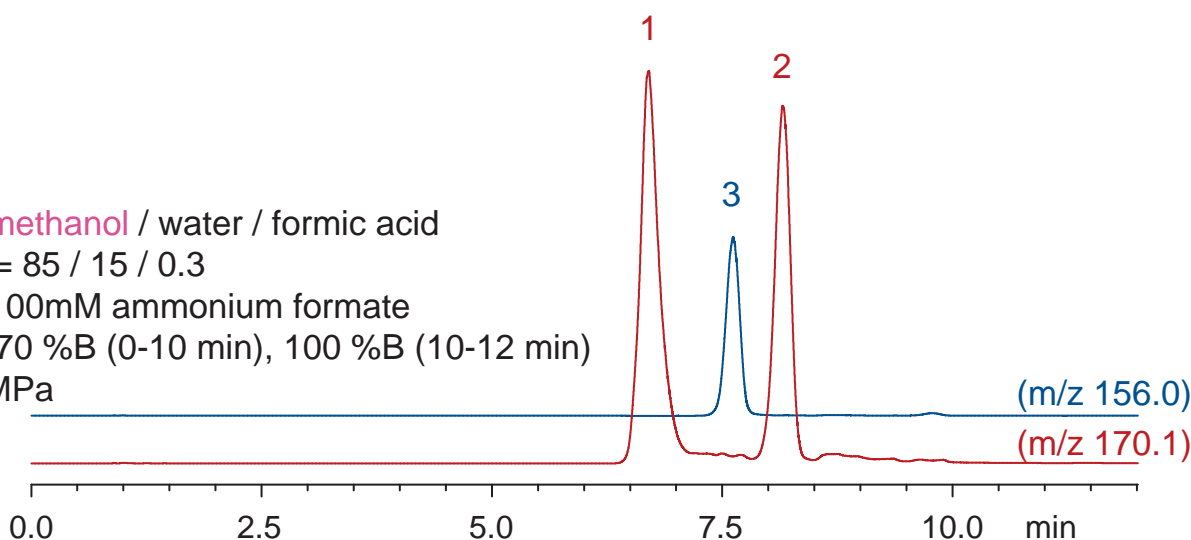
A: acetonitrile / water / formic acid
= 85 / 15 / 0.3

B: 100mM ammonium formate
55-60 %B (0-10 min), 100 %B (10-12 min)
5 MPa



A: methanol / water / formic acid
= 85 / 15 / 0.3

B: 100mM ammonium formate
55-70 %B (0-10 min), 100 %B (10-12 min)
8 MPa



Intrada Amino Acid, 100 x 3 mm
0.4 mL/min, 50°C, 5uL (1mM, 0.1N HCl)
Single Quad.MS (ESI, positive)