

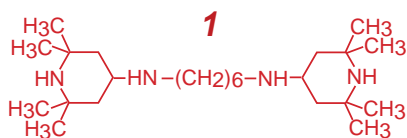
Unison UK-C18

100 x 3 mm

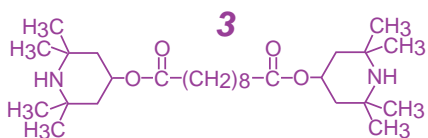
HPLC COLUMN APPLICATION

LC-MS: Hindered amine light stabilizers

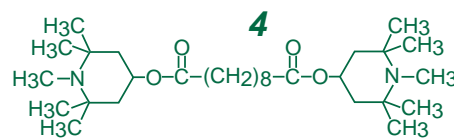
ヒンダードアミン光安定剤の LC-MS 分析



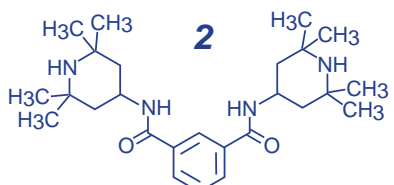
1
N,N'-Bis(2,2,6,6-tetramethyl piperidin-4-yl) hexane-1,6-diamine



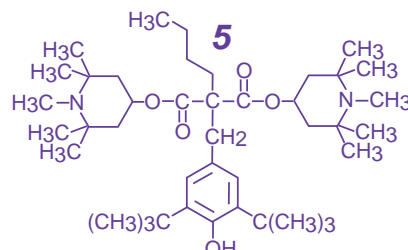
3
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate



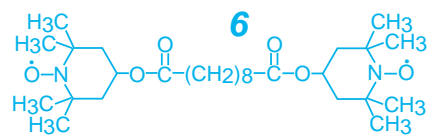
4
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate



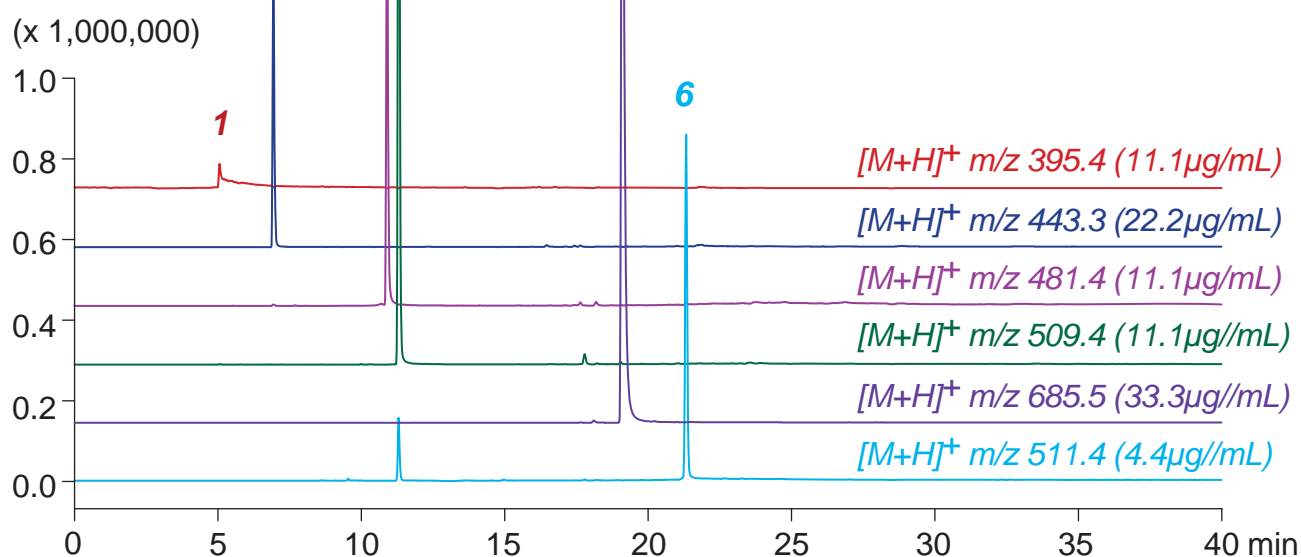
2
N1,N3-Bis(2,2,6,6-tetramethyl piperidin-4-yl) isophthalamide



5
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) butyl (3,5-di-tert-butyl-4-hydroxybenzyl) malonate



6
Bis(2,2,6,6-tetramethyl-4-piperidyl)-1-oxyl sebacate



Unison-C18, 100 x 3 mm

A: 100mM ammonium formate

B: 100 mM ammonium formate / acetonitrile = 10 / 90

0%B (0-1min), 0-100%B (1-20min), 100%B (20-40min)

0.4mL/min (7MPa), 37°C, Single Quad. MS (ESI)

 1μL (4.4-33.3μg/mL, DMF / 100mM HCOONH₄ = 70 / 30)