

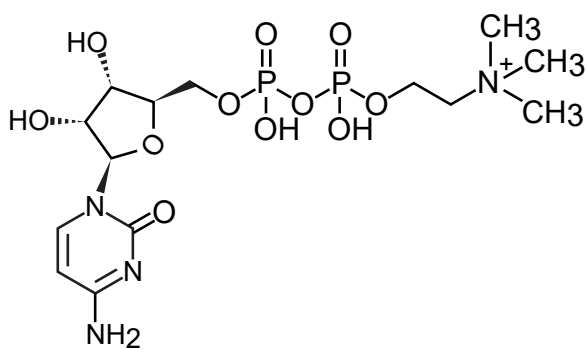
**Intrada Organic Acid**

150 x 2 mm

**HPLC COLUMN APPLICATION**

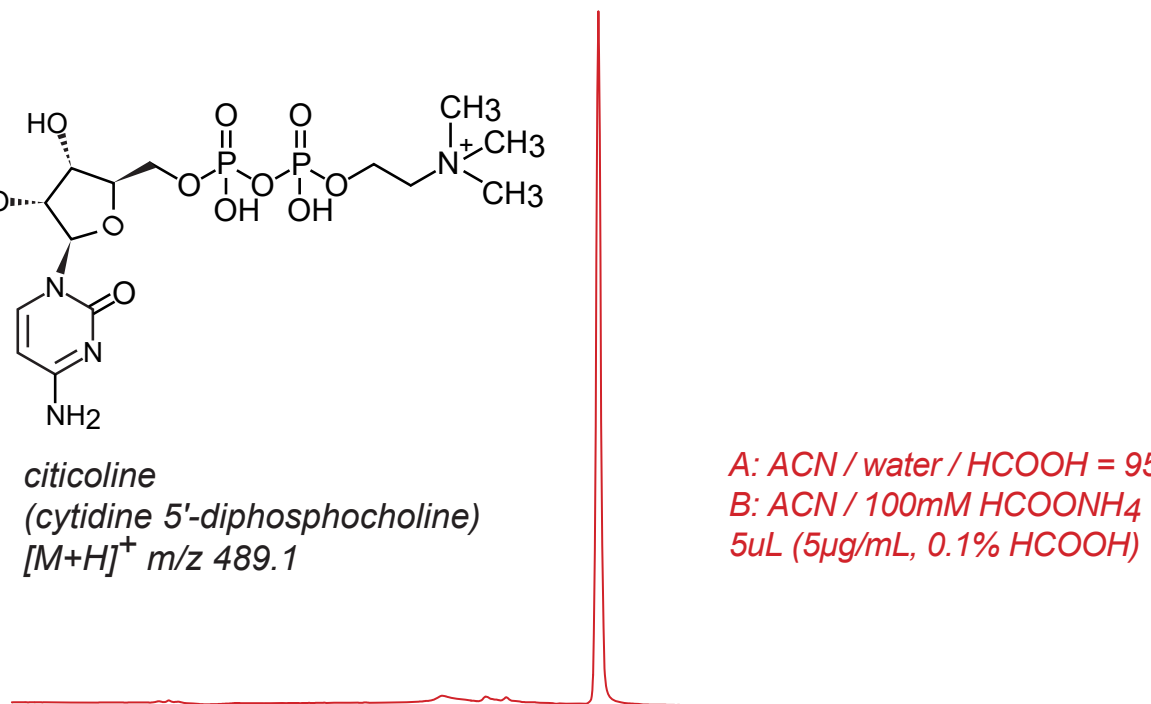
**LC-MS: Citicoline (psychostimulant)**

シチコリン (神経刺激薬) の LC-MS 分析

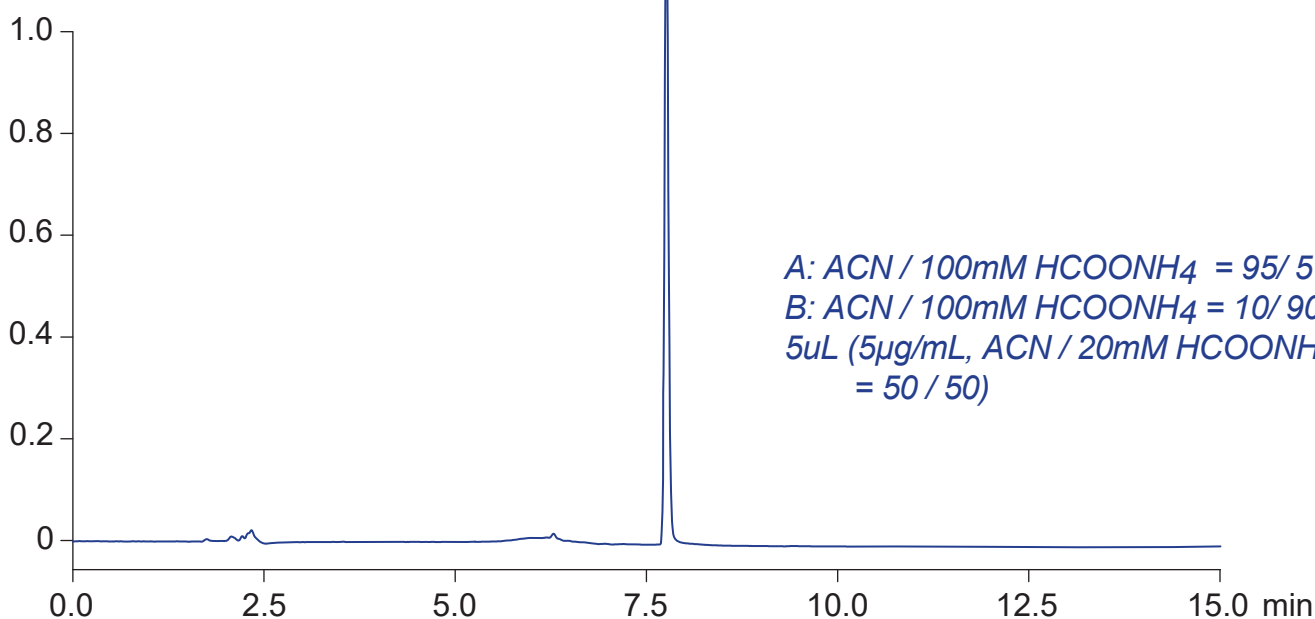


*citicoline*  
(cytidine 5'-diphosphocholine)  
[M+H]<sup>+</sup> m/z 489.1

A: ACN / water / HCOOH = 95/ 5 / 0.1  
B: ACN / 100mM HCOONH<sub>4</sub> = 10/ 90  
5uL (5μg/mL, 0.1% HCOOH)



(x 100,000)



A: ACN / 100mM HCOONH<sub>4</sub> = 95/ 5  
B: ACN / 100mM HCOONH<sub>4</sub> = 10/ 90  
5uL (5μg/mL, ACN / 20mM HCOONH<sub>4</sub>  
= 50 / 50)

*Intrada Organic Acid, 150 x 2 mm*

*0%B (0-1min), 0-100%B (1-7min), 100%B (7-15min)*

*0.2mL/min (5MPa), 37°C, Single Quad. MS (ESI)*