

NMR Measurement Report

Sample name: AC-33

3-5-2024

Spectrometer: Bruker 600 MHz

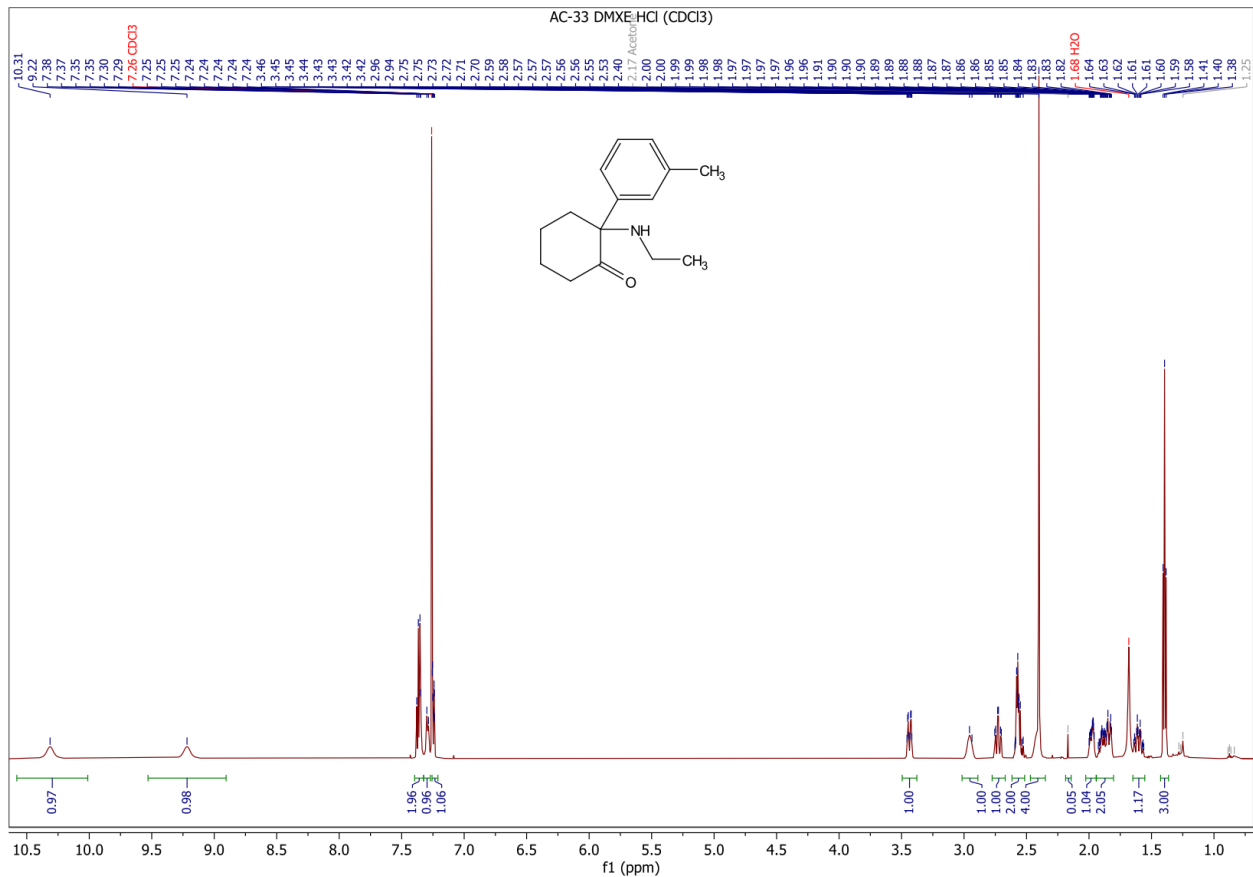
Solvent: CDCl₃

Expected compound: DMXE HCl

Identified compound: DMXE HCl

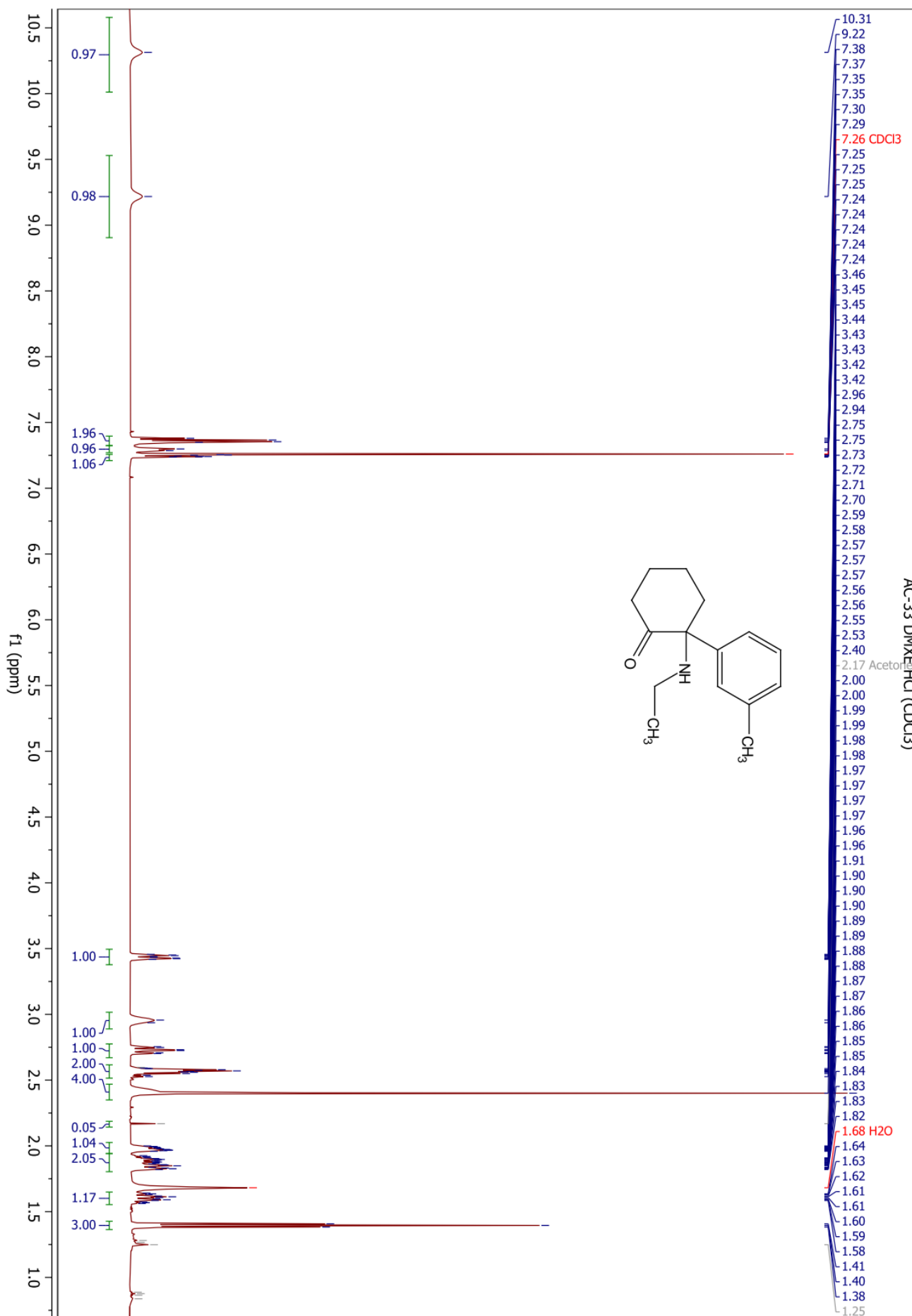
2-(ethylamino)-2-(*m*-tolyl)cyclohexan-1-one

Estimated purity: >99%



Lab Notes: The sample contained the highly pure compound DMXE in its HCl salt form with traces of acetone being the only detected ¹H NMR active impurity.

¹H NMR: full non-empty spectrum



¹H NMR: cut and zoomed spectrum

