

¹H NMR Analysis Report

Sample name: GVT-11

3-8-2024

Spectrometer: Bruker 600 MHz

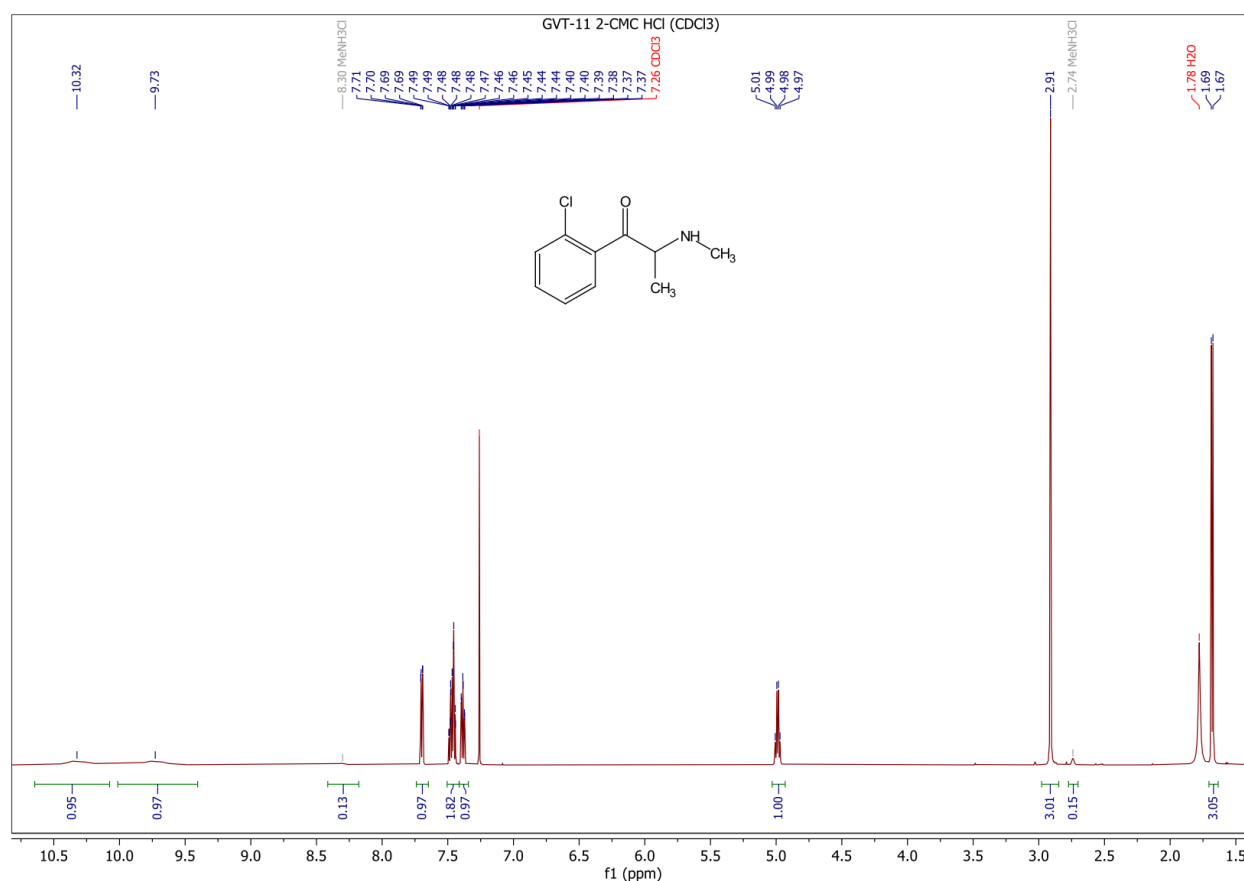
Solvent: CDCl₃

Expected compound: 2-CMC HCl

Identified compound: 2-CMC HCl

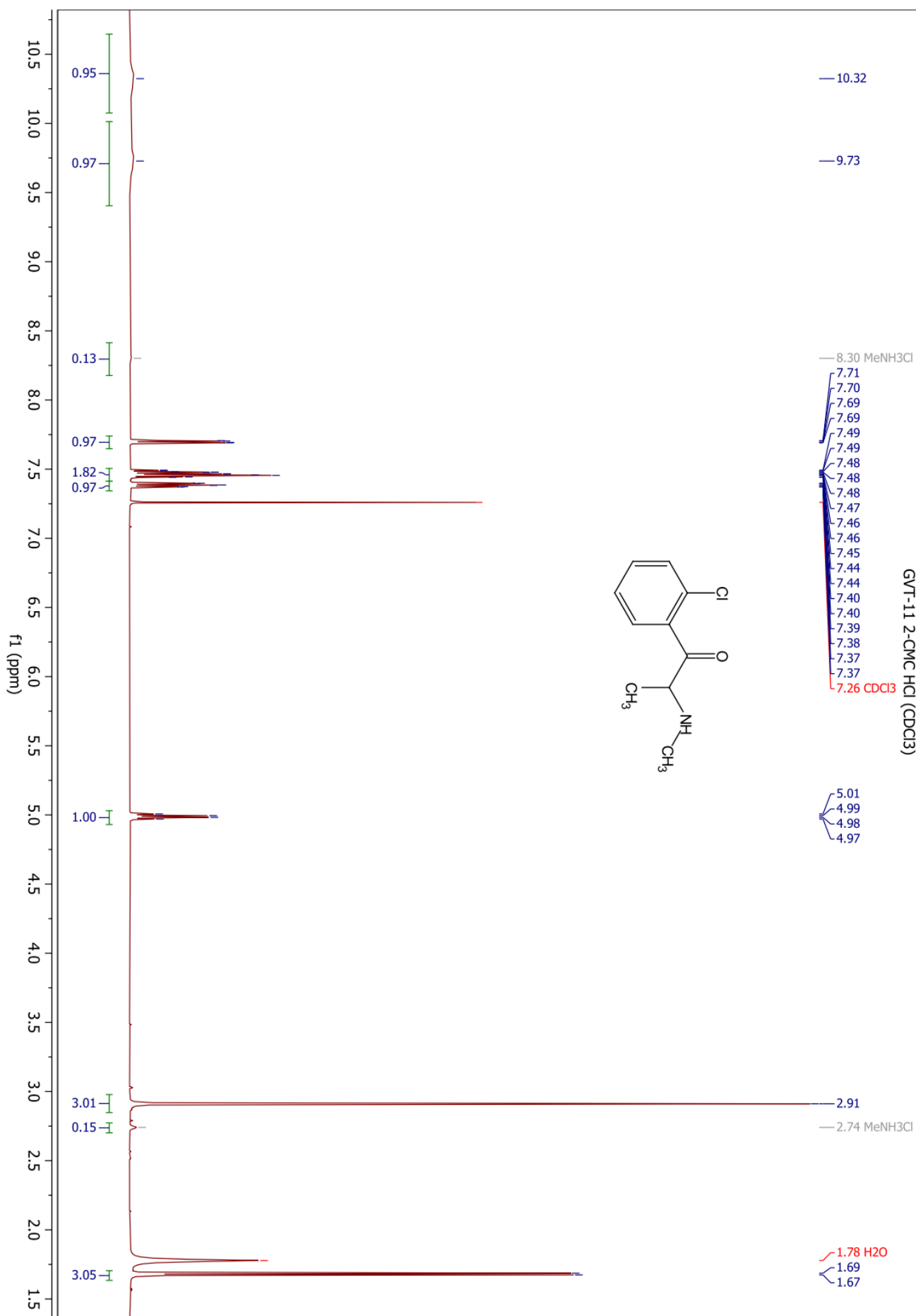
1-(2-chlorophenyl)-2-(methylamino)propan-1-one

Estimated purity: ≥98%

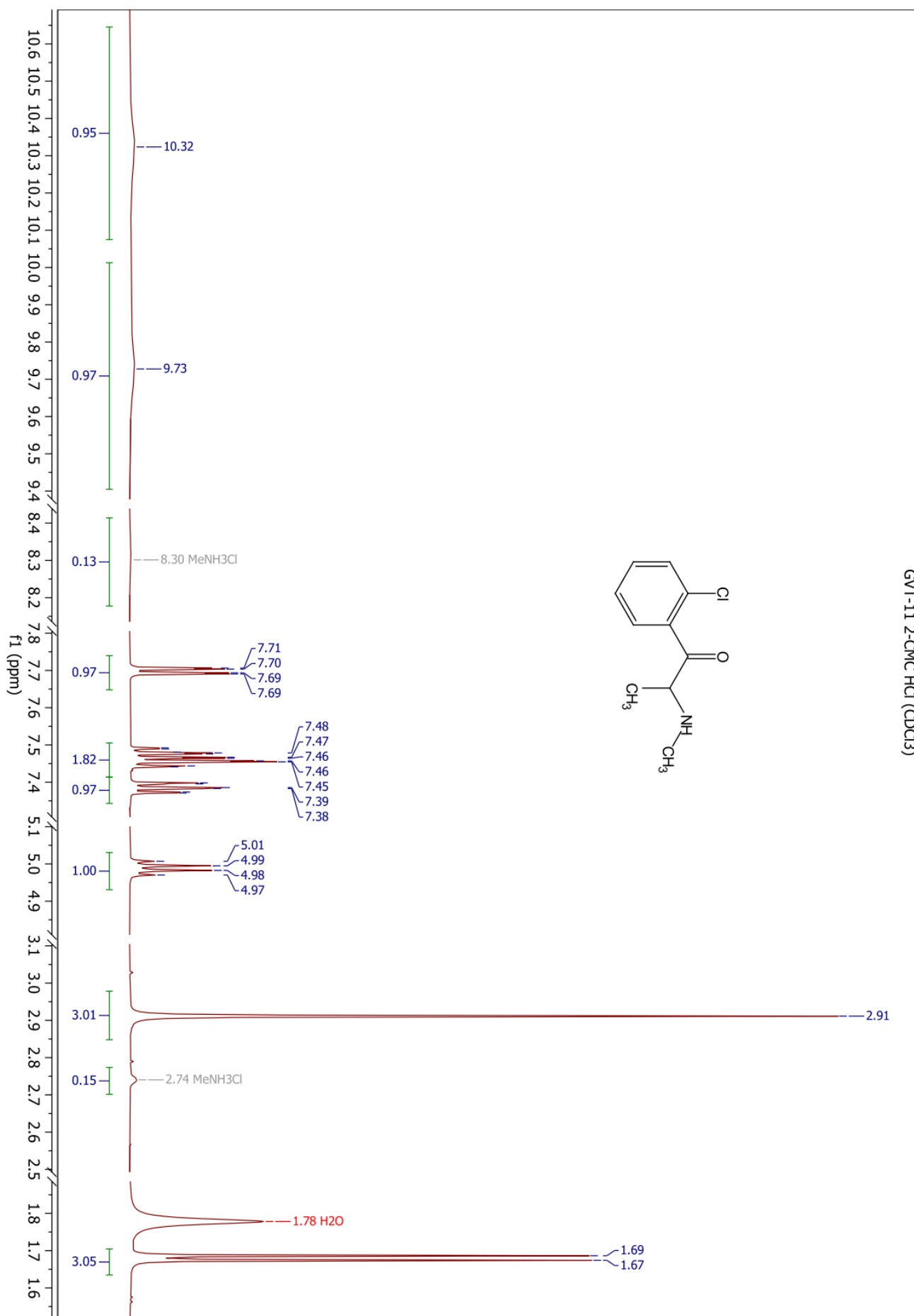


Lab Notes: The sample contained the expected substance 2-CMC in its HCl salt form as the main product, with about 1.5% methylamine HCl being the only ¹H NMR active impurity present in detectable quantities.

¹H NMR: full non-empty spectrum



¹H NMR: cut and zoomed spectrum



GVT-11 2-CMC HCl (CDCl₃)