

NMR Measurement Report

Sample name: AC-34

3-5-2024

Spectrometer: Bruker 600 MHz

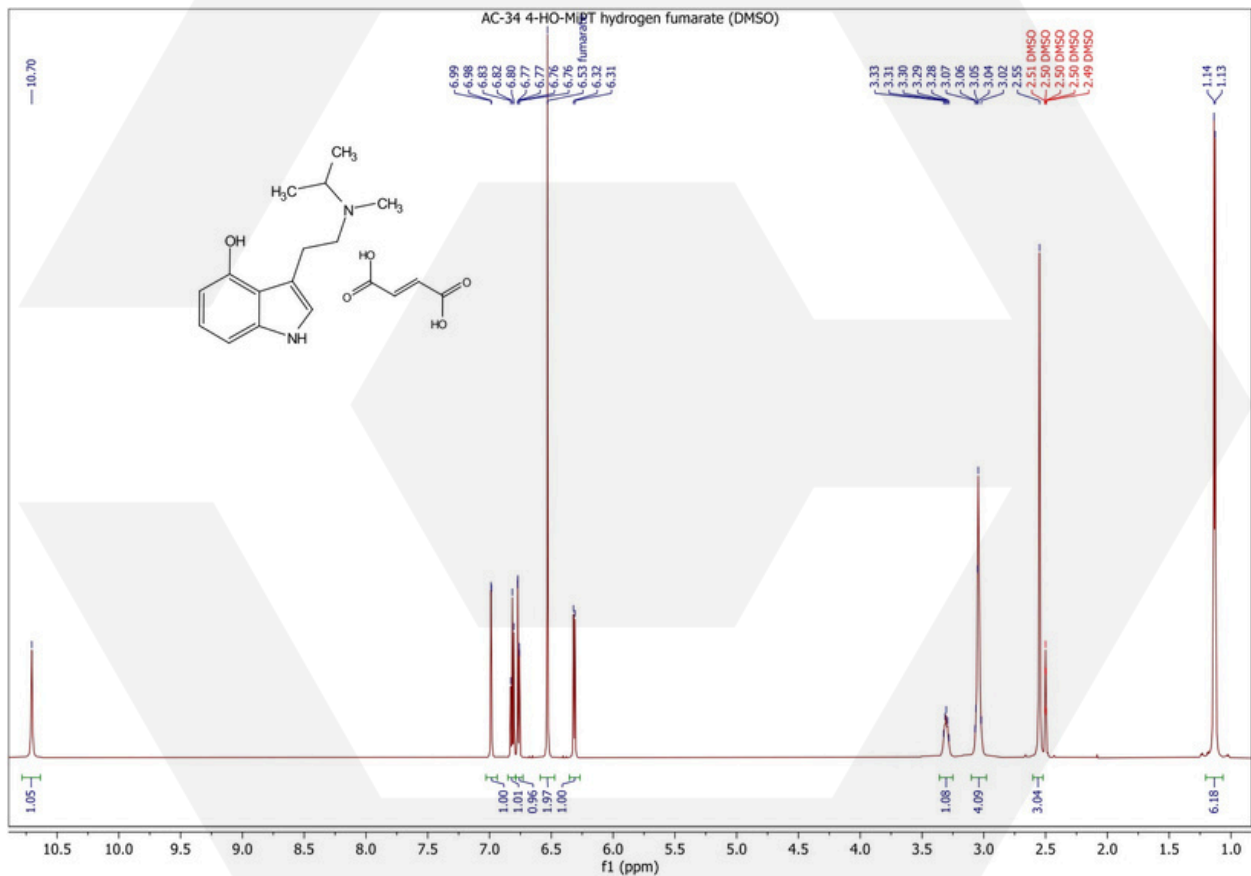
Solvent: DMSO-*d*₆

Expected compound: 4-HO-MiPT fumarate

Identified compound: 4-HO-MiPT hydrogen fumarate

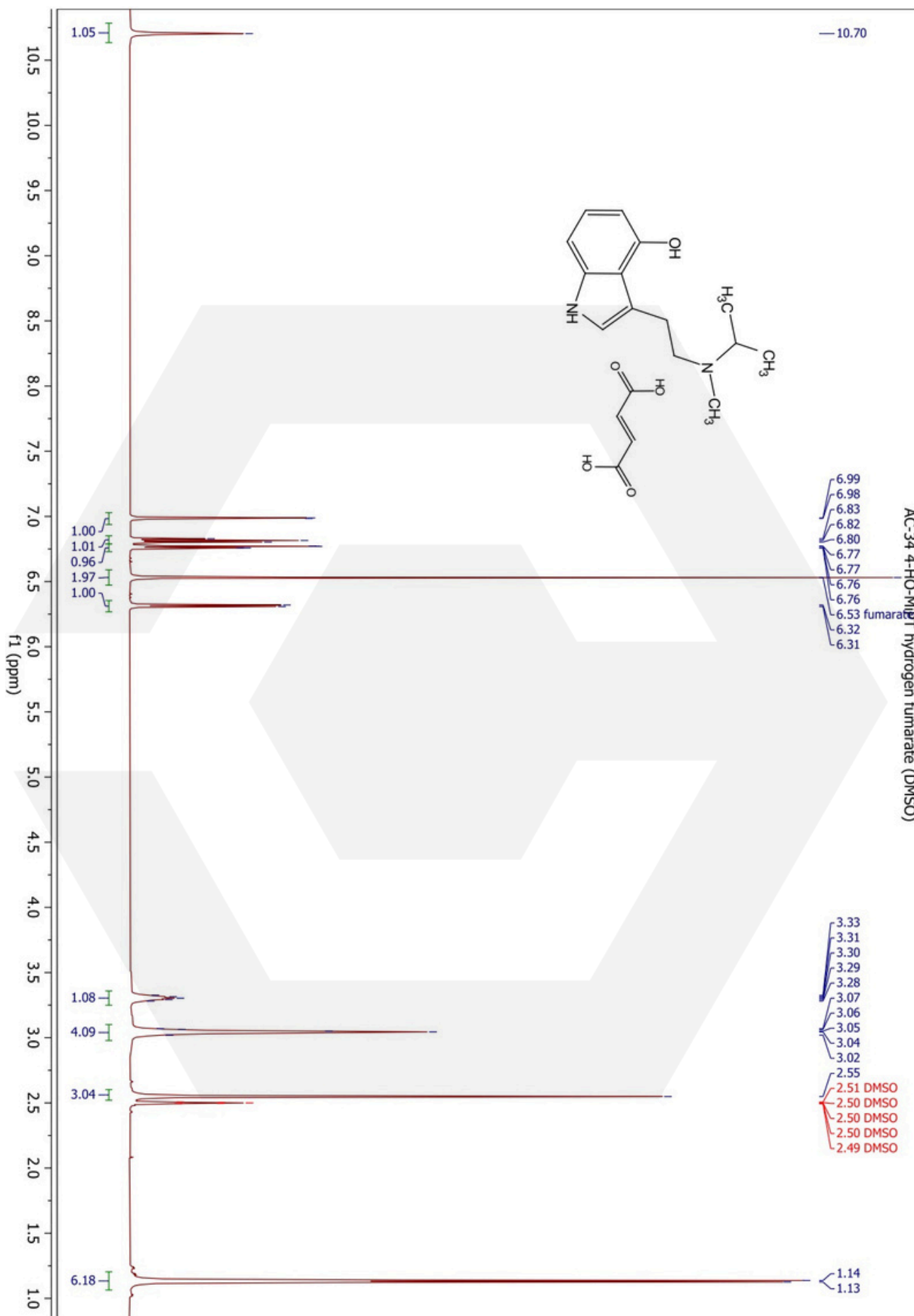
3-(2-(isopropyl(methyl)amino)ethyl)-1*H*-indol-4-ol

Estimated purity: >99%



Lab Notes: The sample contained the highly pure compound 4-HO-MiPT in its hydrogen fumarate salt form with traces of acetone being the only detected ¹H NMR active impurity. The integral of the fumarate peak is consistent with a 1:1 product to fumaric acid ratio (hydrogen fumarate) instead of the expected 2:1 stoichiometry (fumarate).

¹H NMR: full non-empty spectrum



¹H NMR: cut and zoomed spectrum

