

NMR Measurement Report

Sample name: ST-202

15-4-2022

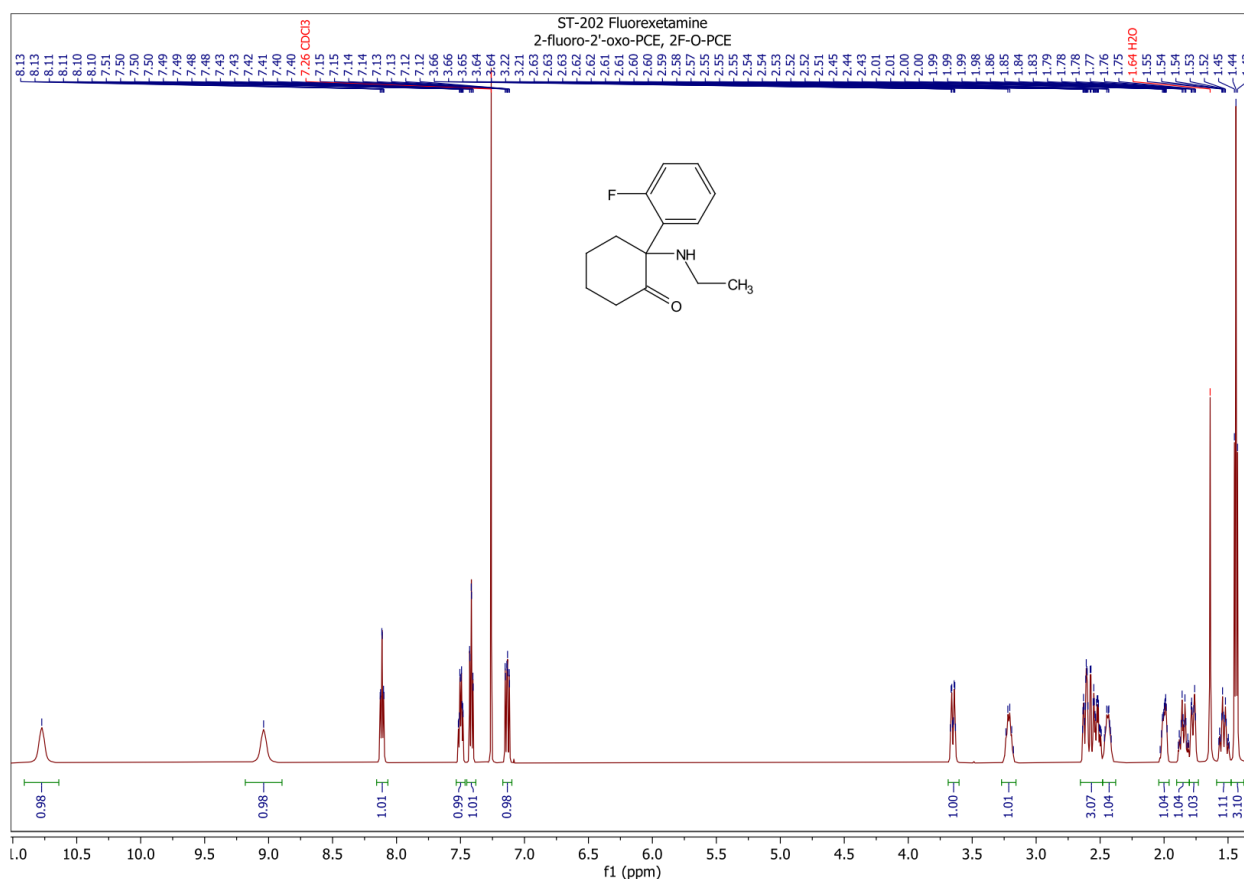
Spectrometer: Bruker 600 MHz

Solvent: CDCl₃

Expected compound: Fluorexetamine HCl (FXE), 3-Fluoro-2'-Oxo-PCE

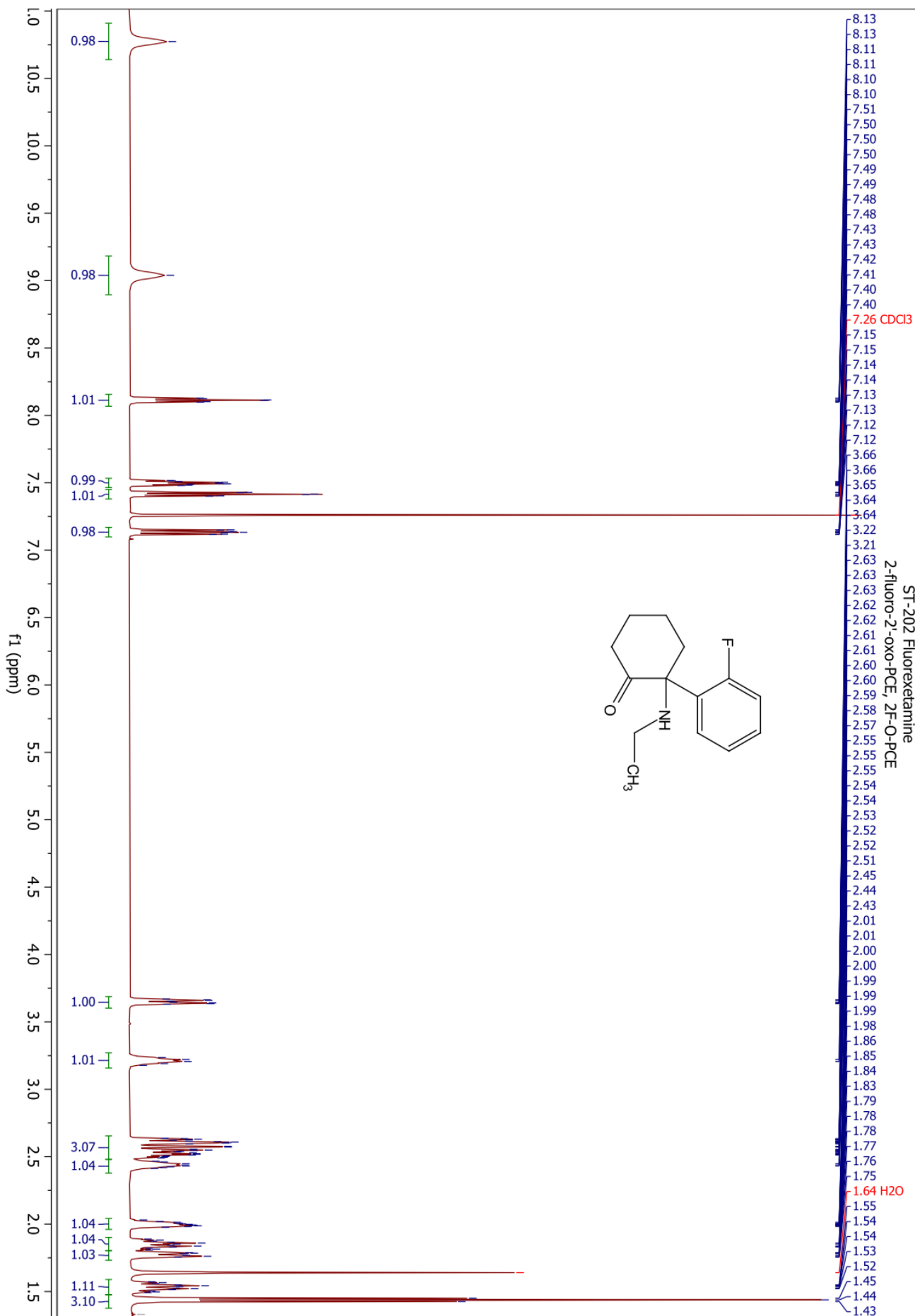
Identified compound: 2-Fluoro-2'-Oxo-PCE HCl, 2F-O-PCE

Estimated purity: ≥99%



Lab Notes: The sample contained 2-fluoro isomer of fluorexetamine, which is defined as the 3-fluoro isomer.¹ There were only minimal trace impurities detected.

1. Wallach, J. & Brandt, S. D. 1,2-Diarylethylamine- and Ketamine-Based New Psychoactive Substances. in *New Psychoactive Substances: Pharmacology, Clinical, Forensic and Analytical Toxicology* (eds. Maurer, H. H. & Brandt, S. D.) 305–352 (Springer International Publishing, 2018). doi:10.1007/164_2018_148.

¹H NMR: full non-empty spectrum

¹H NMR: cut and zoomed spectrum

