

# NMR Measurement Report

Sample name: ST-149

21-4-2021

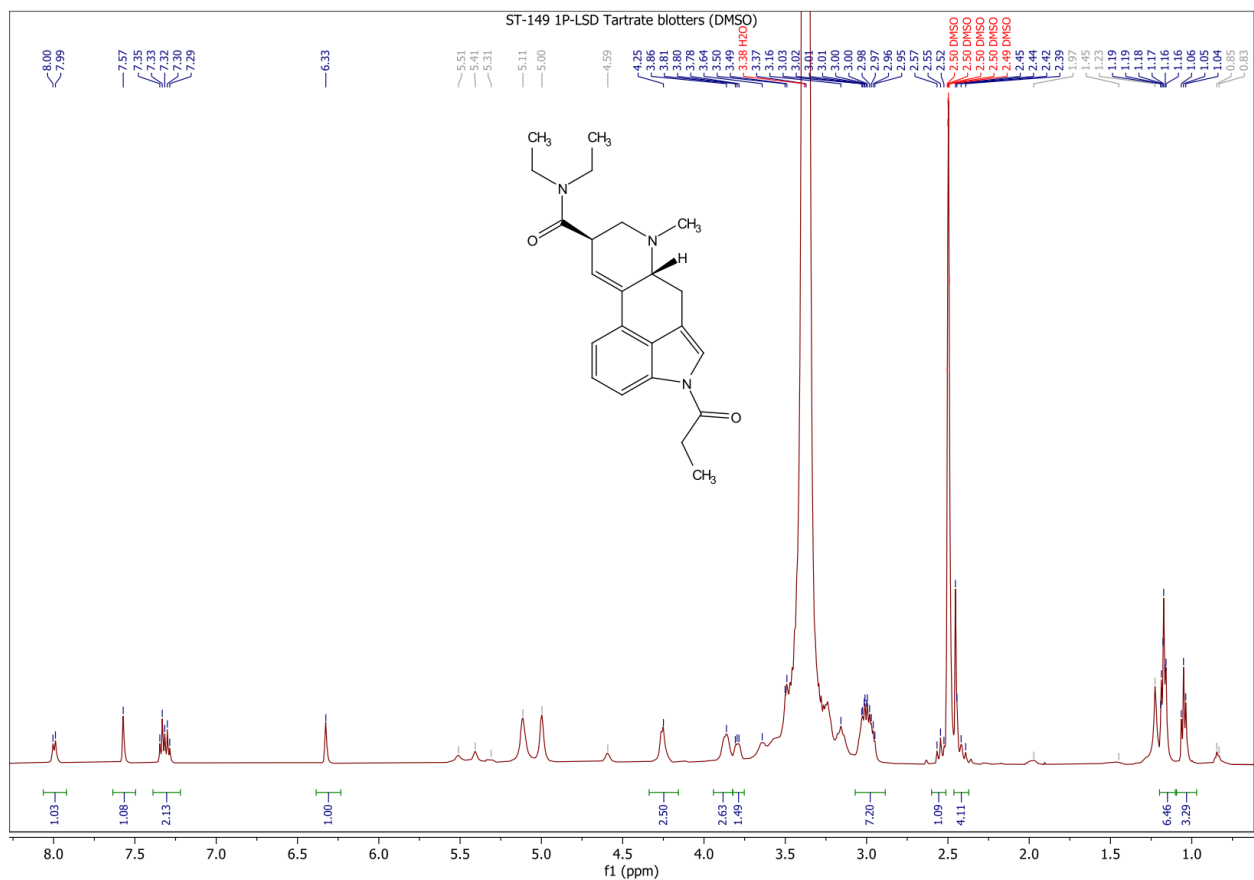
Spectrometer: Bruker 500 MHz

Solvent: DMSO-*d*6

Expected compound: 1P-LSD Tartrate (100 µg per blotter)

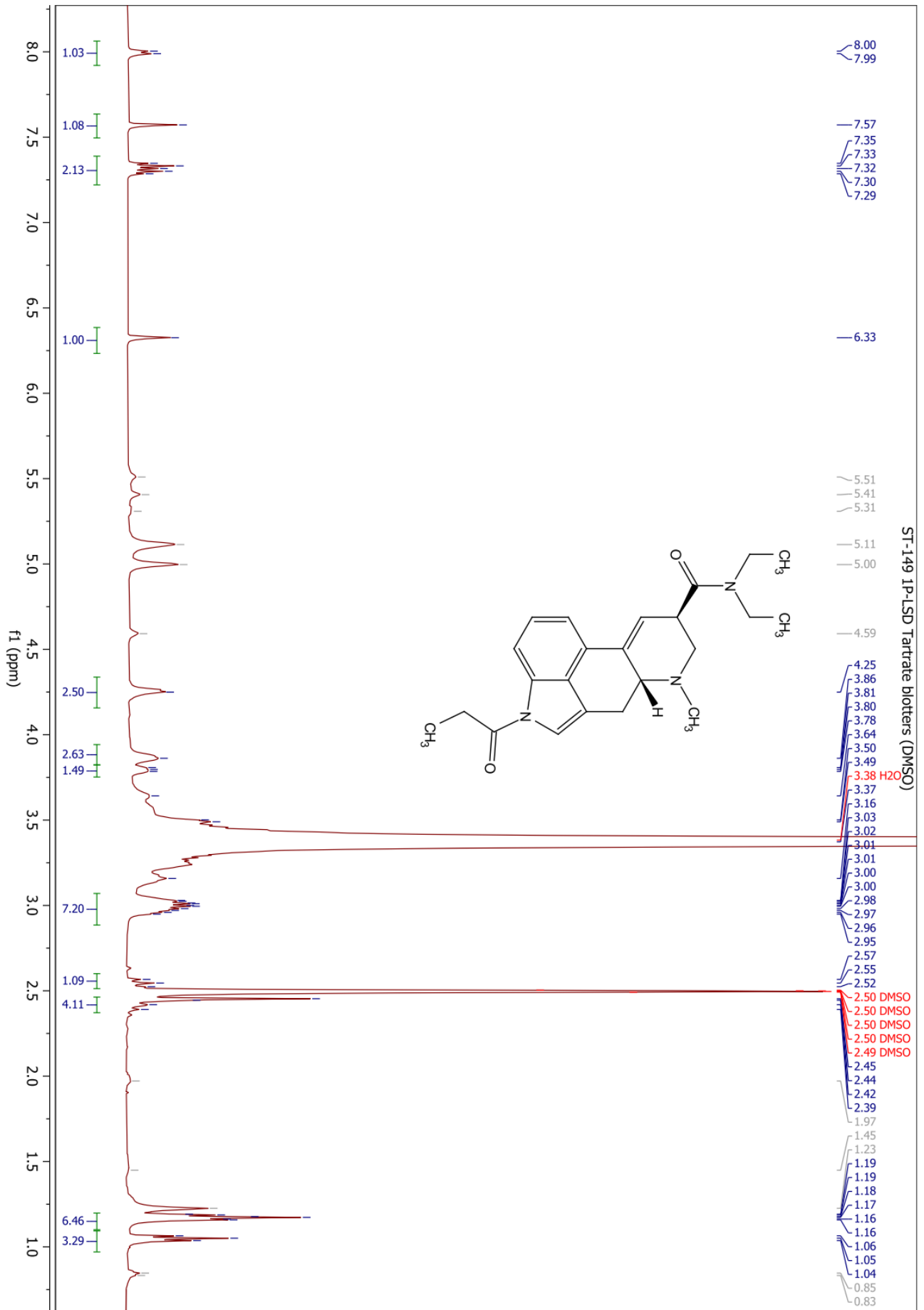
Identified compound: 1P-LSD Tartrate

Estimated purity: n/a (qualitative analysis)



**Lab Notes:** Correct identity of the product. During the direct extraction of the analyte with the NMR solvent DMSO-*d*6, other (probably polymeric) compounds from the paper were also dissolved, causing the additional peaks seen in the spectrum. The large water peak is most likely caused by condensation of moisture from air when the solution was cooling down after being heated during the extraction process.

<sup>1</sup>H NMR: full non-empty spectrum



# <sup>1</sup>H NMR: cut and zoomed spectrum

