

NMR Measurement Report

Sample name: ST-192

1-2-2022

Spectrometer: Bruker 600 MHz

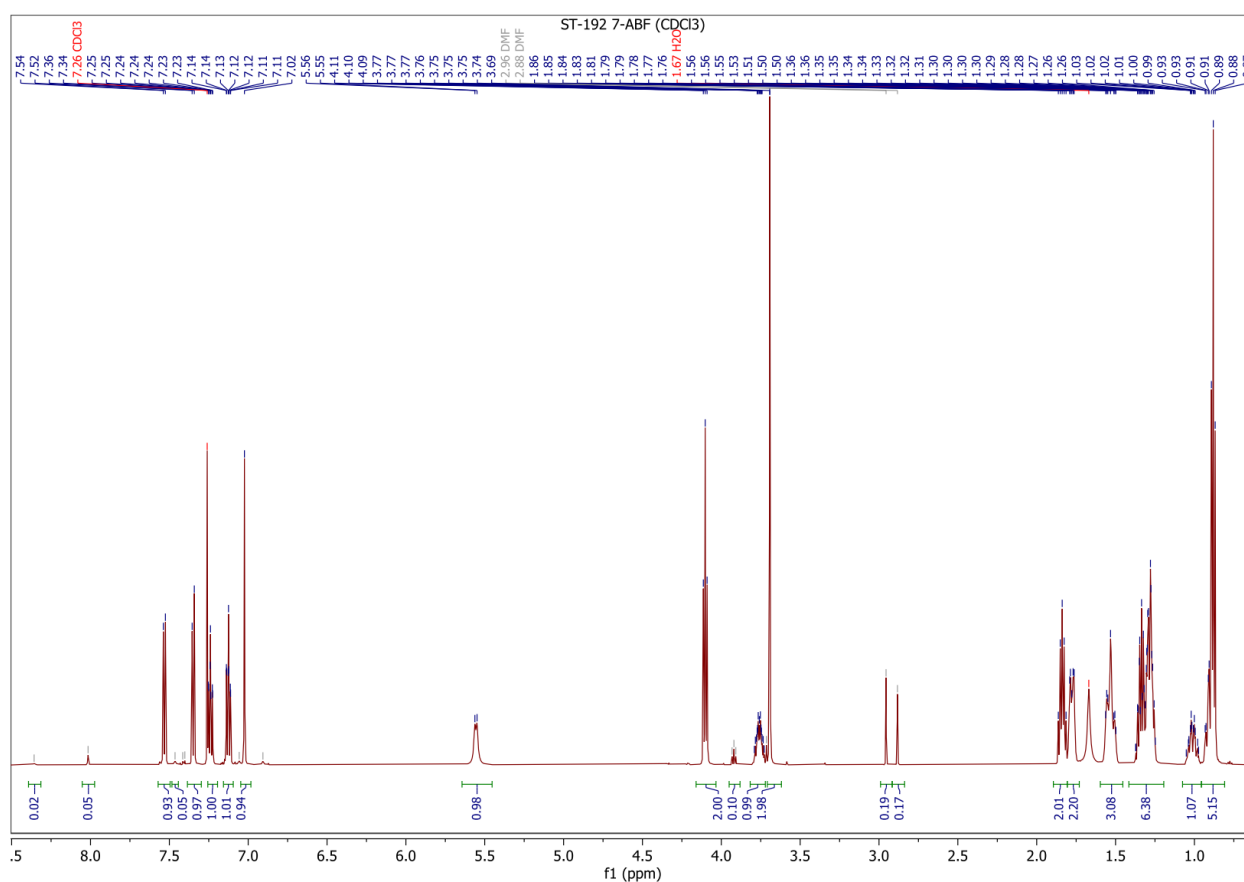
Solvent: CDCl₃

Expected compound: 7-ABF (structure unknown)

Suspected cannabinoid receptor agonist (CB-ag)

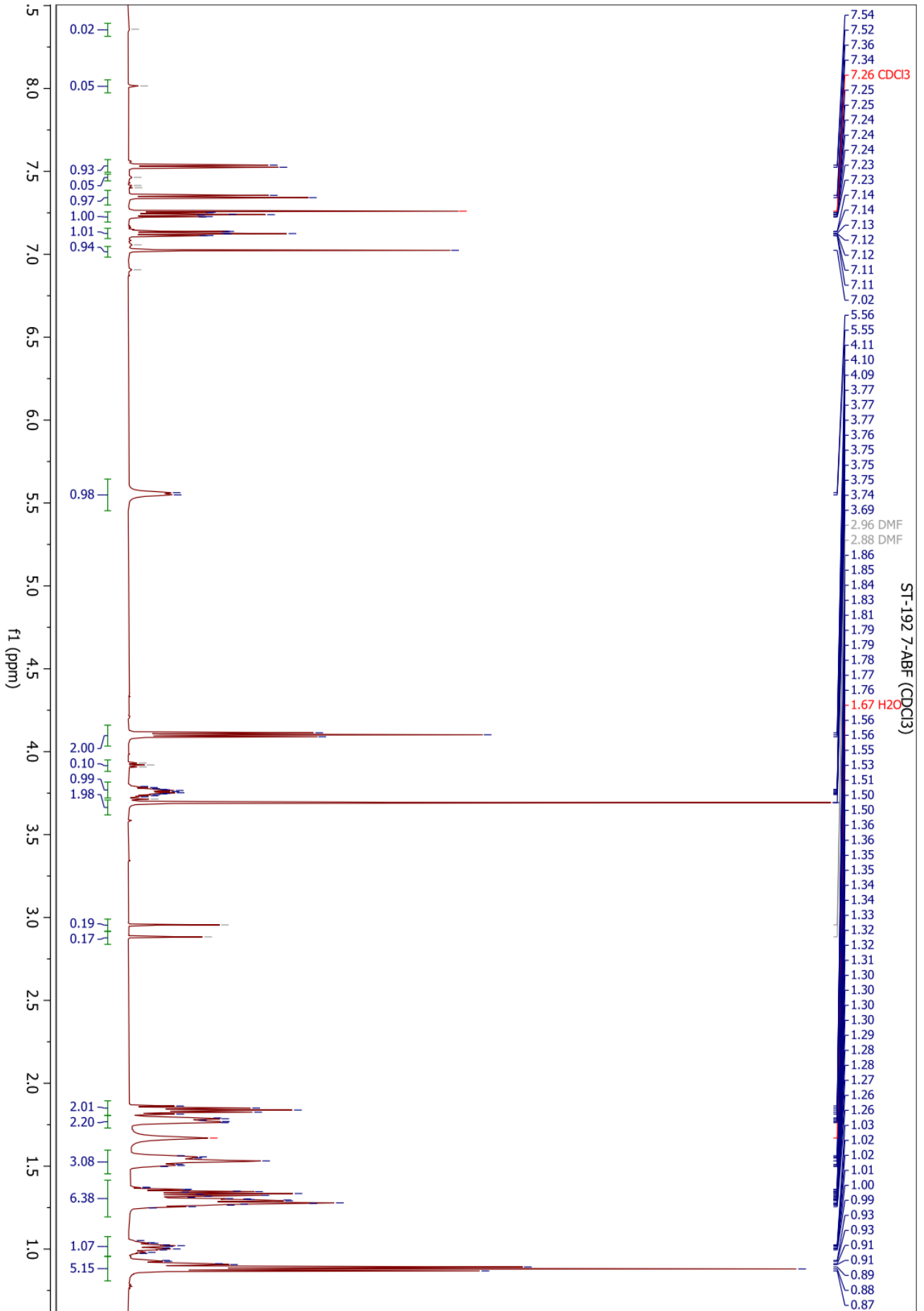
Identified compound: structure unknown

Estimated purity: ≥95%



Lab Notes: The sample contained one major product, as well as minor some impurities, including the solvent DMF (<2%). The product seemed to contain the following structural elements or chemically similar groups typical for cannabinoid receptor agonists (CB-ag): 4 aromatic protons, a secondary amide and a *n*-pentyl group. The product is also likely to have a cyclohexylmethoxy group, which is not commonly encountered among CB-ag but would not be considered surprising to be found in such. Based on these structural elements, it seems likely that the structure is indeed a CB-ag.

¹H NMR: full non-empty spectrum



¹H NMR: cut and zoomed spectrum

