



2D HETCOR spectrum of small phosphorous organic molecules adsorbed on a silica material

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Field strength: 400 MHz

Why is this your favorite spectrum?

Nowadays emojis are everywhere and NMR spectroscopy is no exception. This spectrum looks like a smiling emoji after “emojifying” the 2D spectrum. The rounded shape of the contour zone is associated to the high ^1H chemical shift range, arising from the distribution of hydrogen sites at the silica surface, which strongly resembles a mouth.