Copies of spectra

Pd-Mediated new synthesis of pyrroles: Their evaluation as potential inhibitors of phosphodiesterase 4

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The diagram shows a 1H NMR spectrum with chemical shifts indicated at various ppm values. The spectrum is labeled with peaks at 197.595, 140.599, 139.398, 136.496, 136.019, 135.182, 132.485, 131.301, 139.347, 129.964, 120.926, 128.582, 128.490, 127.810, 127.834, 127.719, 126.787, 125.650, 125.573, 122.982, 120.264, 77.321, 77.089, 76.887, 56.384, 31.185, and 11.554. Additionally, there is a chemical structure shown with labels for atoms and functional groups.
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Elemental Composition Report

C: 45.45, H: 0.70, N: 3.93, O: 7.0, C: 0.2

Number of isotope peaks used for I-FF = 3

Elemental Predictions:

Tolerance: ± 0.0 Ppm, 5.0 Ppm, 10.0 Ppm

DBE: Min. = 1.0, Max. = 8.0

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Elemental Composition Report

C: 0.35 H: 0.45 N: 0.2 O: 2.7

Number of isotopic peaks used for %FIT = 3

Elemental Prediction from
DBE: min = 1.3, max = 8.0

Mass Analysis

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[Image of a chemical structure with NMR spectra]
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NMR spectrum of the synthesized compound in CDCl3.
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