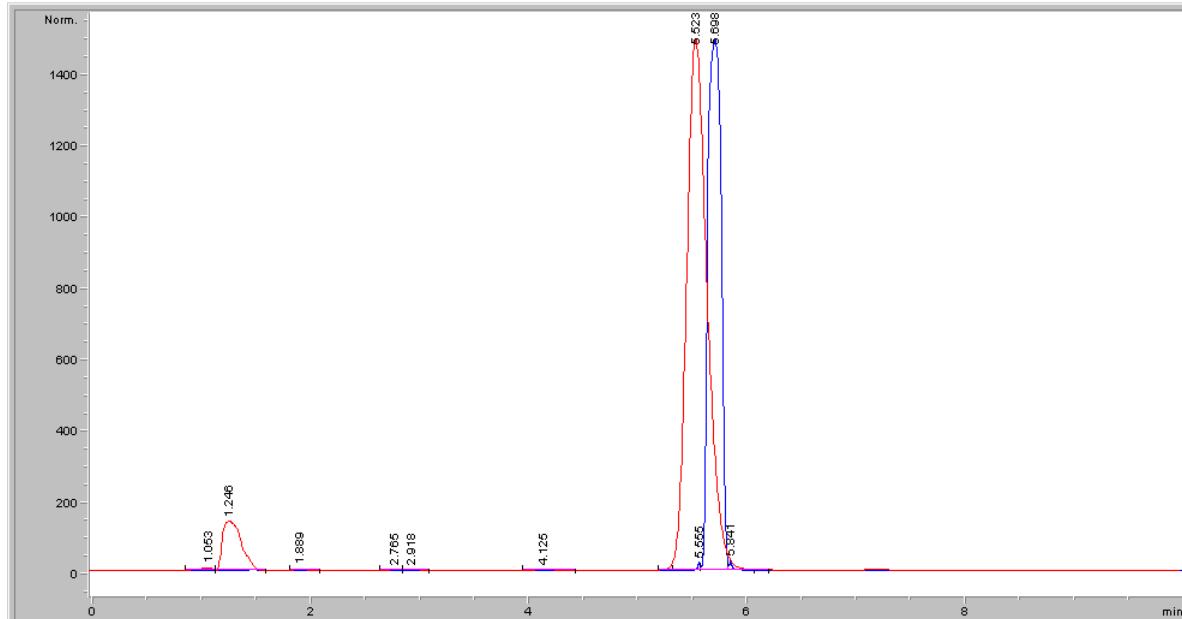


Supplementary Information for manuscript:

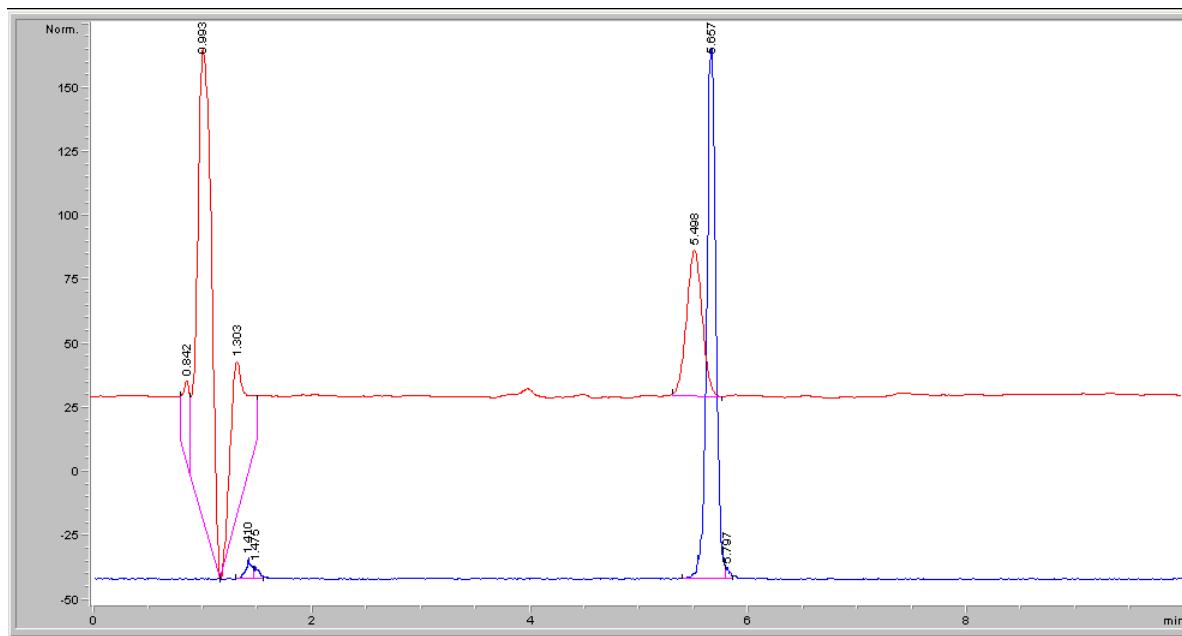
Microfluidic reactions using [¹¹C]carbon monoxide solutions for the synthesis of a Positron Emission Tomography radiotracer

Steven Kealey, Christophe Plisson, T. Lee Collier, Nicholas J. Long, Stephen M. Husbands, Laurent Martarello, Antony D. Gee

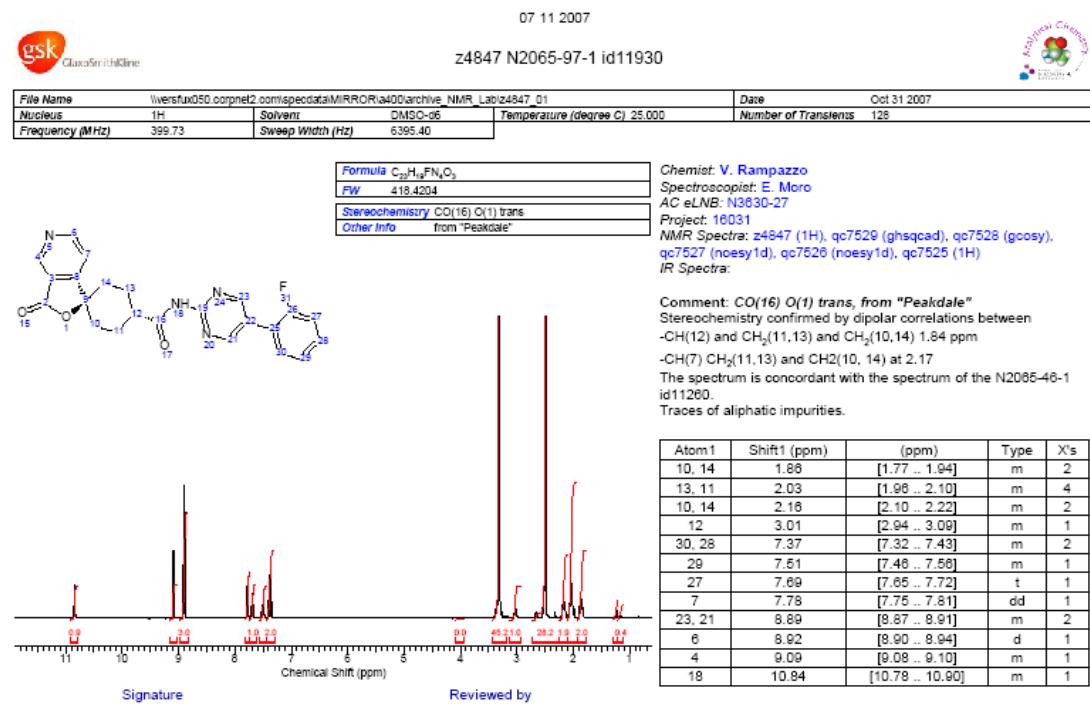
Example of analytical HPLC chromatogram of [¹¹C]MK-0233 after semi-prep-HPLC and formulated in ethanol-saline solution. Coinjected with an unlabelled reference sample of MK-0233. Red line shows UV trace (354 nm), blue line shows radioactivity trace.



Example of analytical HPLC chromatogram of [¹¹C]MK-0233 after semi-prep-HPLC and formulated in ethanol-saline solution. Red line shows UV trace (354 nm), blue line shows radioactivity trace.



¹H NMR spectrum of MK-0233



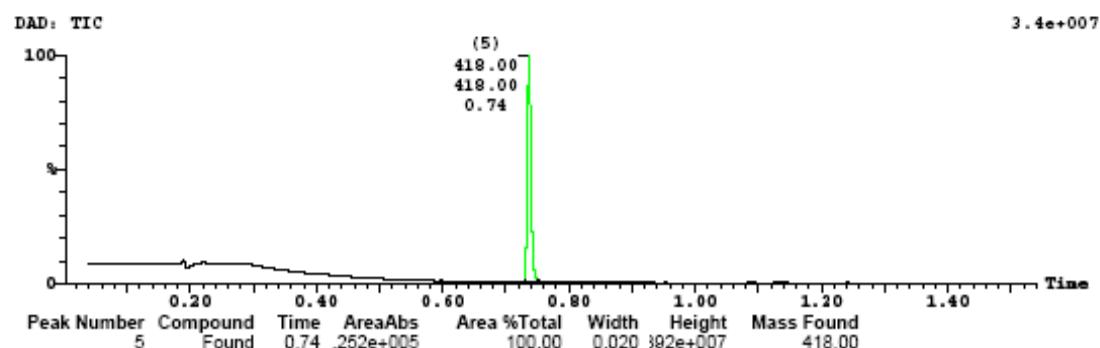
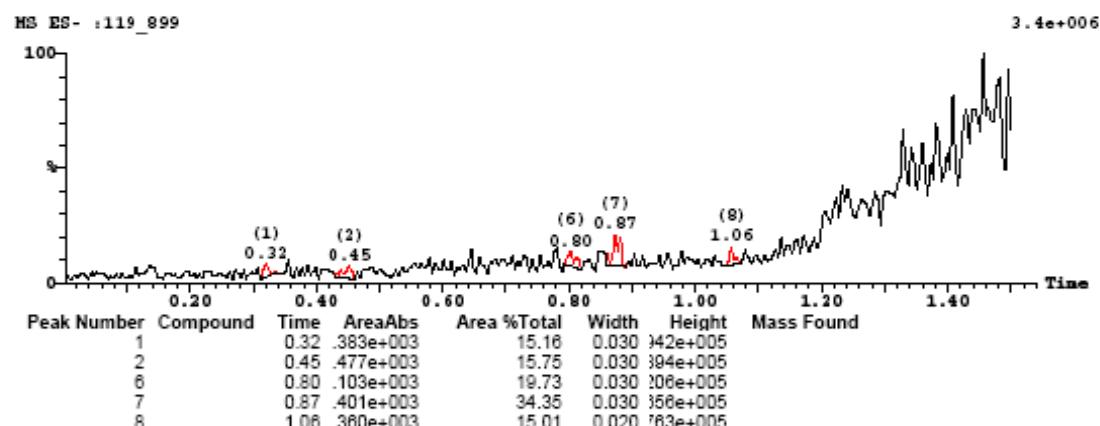
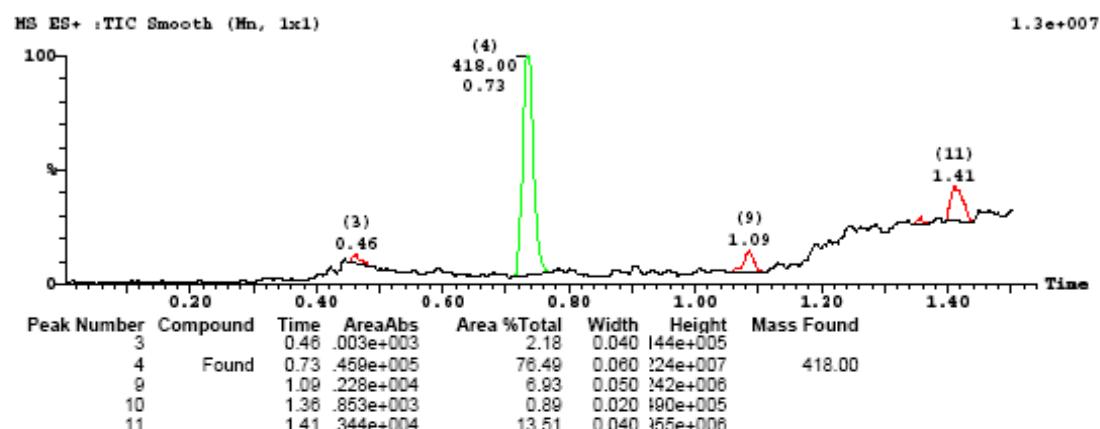
Mass spectrum (ES +) of MK-0233

Openlynx Report - V.Rampazzp
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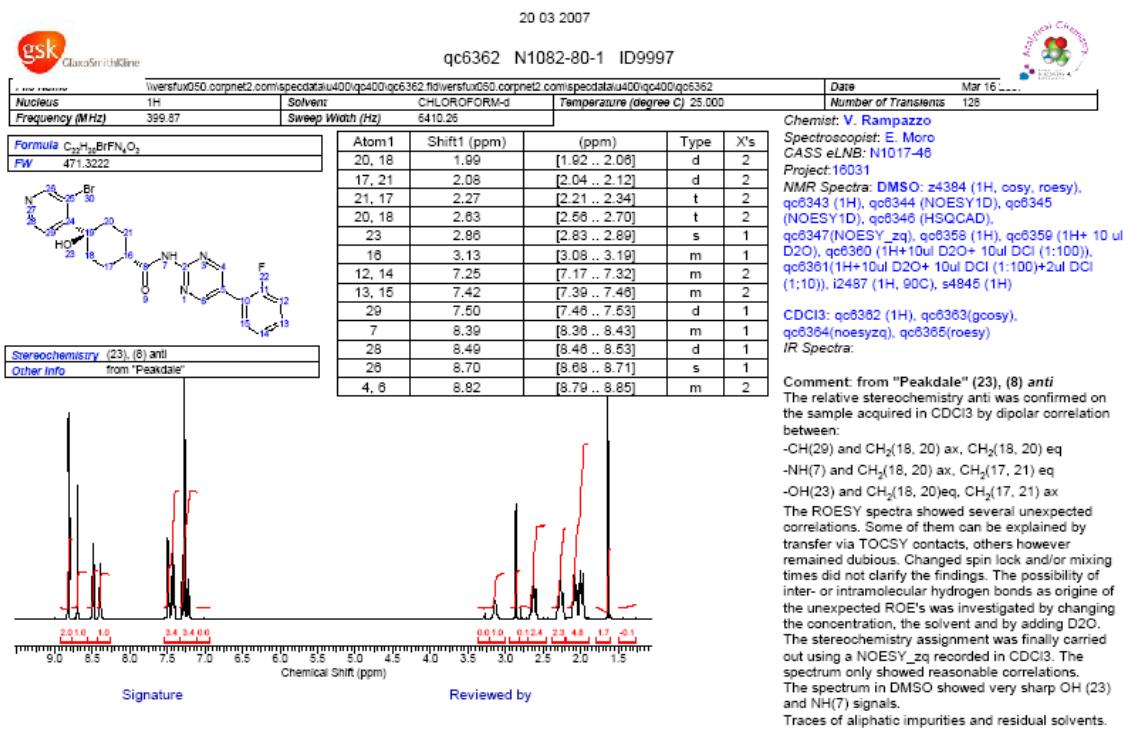
Page 1

Sample Report:

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¹H NMR of radiolabelling precursor, trans-4-(3-bromopyridin-4-yl)-4-hydroxy-N-[5-(2-fluorophenyl)-2-pyrimidinyl]-cyclohexanecarboxamide



MS (ES +) of radiolabelling precursor, trans-4-(3-bromopyridin-4-yl)-4-hydroxy-N-[5-(2-fluorophenyl)-2-pyrimidinyl]-cyclohexanecarboxamide

Openlynx Report - Valeria Rampazzo
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Sample Report:

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