

Cannabinoid Receptor Type 2 Radiotracers (Thiophene-Based)

Application #AN4480

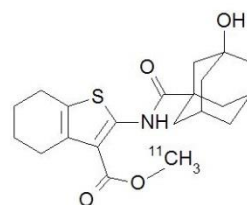
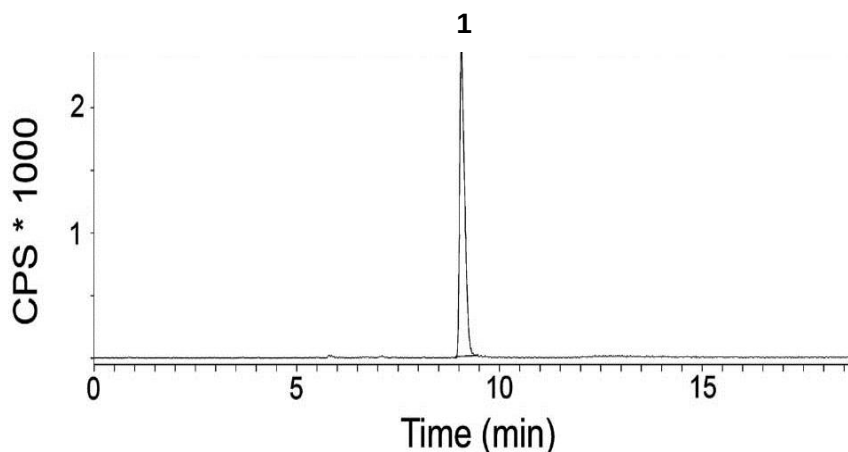
Conditions

Column: ACE 3 C18
Dimensions: 50 x 4.6 mm
Part Number: ACE-111-0546
Mobile Phase: A: 0.1% TFA in H₂O
B: MeCN

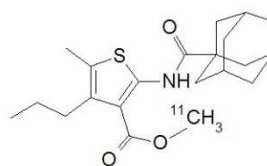
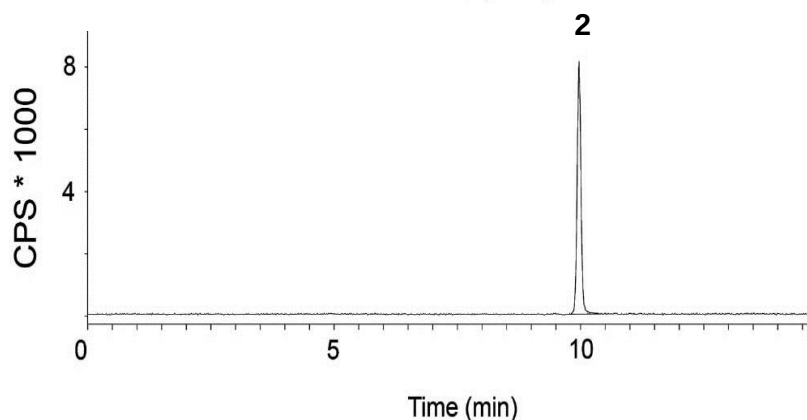
Time (mins)	%B
0	20
2	20
12	95
15	95
20	20

Flow Rate: 1 mL/min
Temperature: 23 °C
Detection: Radio Detection
Sample: QC of synthesised product after semi-preparative purification

Novel thiophene-based radiotracers synthesised as potential cannabinoid receptor type 2 PET tracers



1. [¹¹C]AAT-015



2. [¹¹C]AAT-778

Heider A, Muller Herde A, Slavik R, Weber M, Mugnaini C, Ligresti A, Schibli R, Mu L, Mensah Ametamey S. (2016) Synthesis and Biological Evaluation of Thiophene-Based Cannabinoid Receptor Type 2 Radiotracers for PET Imaging. Front. Neurosci. 10.350. doi: 10.3389/fnins.2016.00350

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