

Fluorinated 4-Oxo-Quinoline Derivative as PET Radiotracer

Application #AN4920

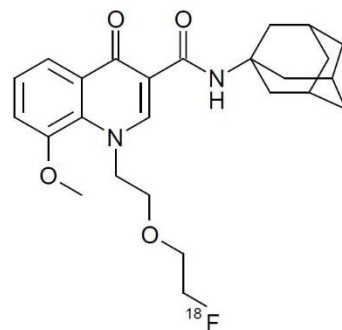
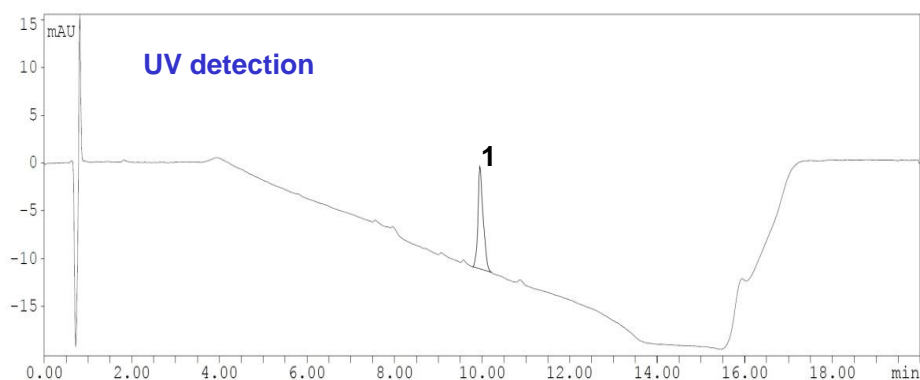
Conditions

Column: ACE 3 C18
Dimensions: 50 x 4.6 mm
Part Number: ACE-111-0546
Mobile Phase: A: 0.1% H₃PO₄ in water
B: Acetonitrile

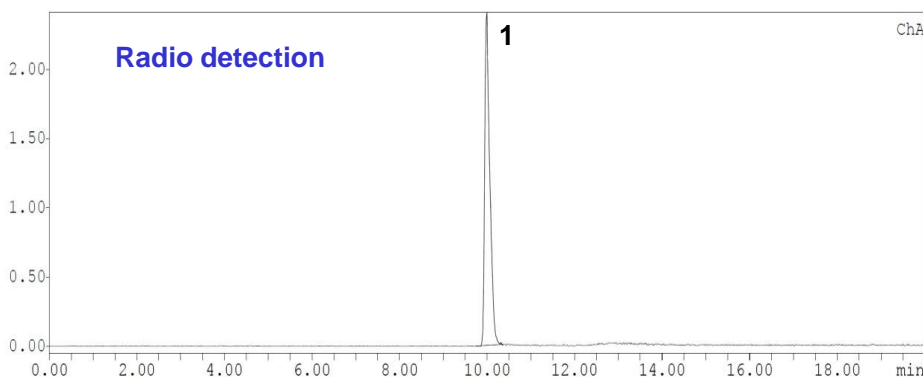
| Time (mins) | %B |
|-------------|----|
| 0.00 | 20 |
| 2.00 | 20 |
| 12.00 | 90 |
| 15.00 | 90 |

Flow Rate: 1.00 mL/min
Temperature: Ambient
Detection: A: UV, 230 nm B: Radio detection

RS-126 or N-(1-adamantyl)-1-(2-(2-fluoroethoxy)ethyl)-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxamide is a potential PET radiotracer for imaging cannabinoid receptor type 2 (CB2).



1. [¹⁸F]RS-126



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