Fluorinated 4-Oxo-Quinoline Derivative as PET Radiotracer

ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #**AN4920**

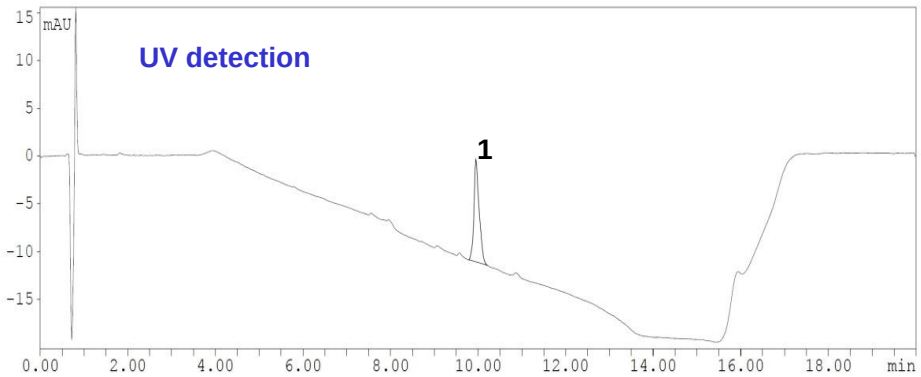
Conditions

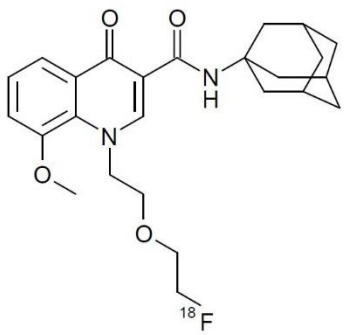
Column:	ACE 3 C18
Dimensions:	50 x 4.6 mm
Part Number:	ACE-111-0546
Mobile Phase:	A: 0.1% H_3PO_4 in water B: Acetonitrile

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

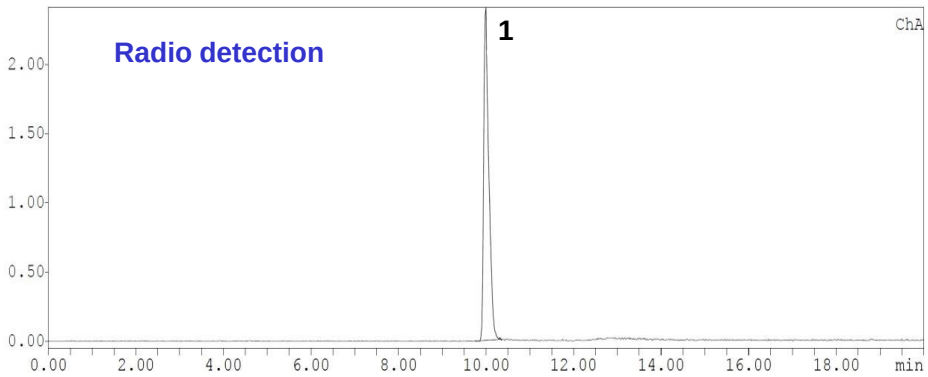
Flow Rate:	1.00 mL/min
Temperature:	Ambient
Detection:	A: UV, 230 nm B: Radio detection

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. [^{18}F]RS-126



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