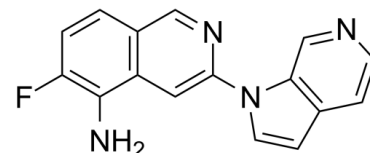


Data Sheet

Product Name:	MK-6240
Cat. No.:	CS-0020954
CAS No.:	1841078-87-2
Molecular Formula:	C ₁₆ H ₁₁ FN ₄
Molecular Weight:	278.28
Target:	Others
Pathway:	Others
Solubility:	DMSO : 12.5 mg/mL (44.92 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

MK-6240 is a positron emission tomography (PET) tracer for **neurofibrillary tangles (NFTs)**, exhibiting high specificity and selectivity for binding to NFTs. IC₅₀ & Target: Ki: NFT^[1].

References:

[1]. Walji AM, et al. Discovery of 6-(Fluoro-(18)F)-3- (1H-pyrrolo [2,3-c]pyridin-1-yl) isoquinolin-5-amine ([¹⁸F]-MK-6240): A Positron Emission Tomography (PET) Imaging Agent for Quantification of Neurofibrillary Tangles (NFTs). J Med Chem. 2016 May 26;59(10):4778-89.

CAIndexNames:

5-Isoquinolinamine, 6-fluoro-3-(1H-pyrrolo[2,3-c]pyridin-1-yl)-

SMILES:

NC1=C(F)C=CC2=C1C=C(N3C=CC4=C3C=NC=C4)N=C2

Caution: Product has not been fully validated for medical applications. For research use only.

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