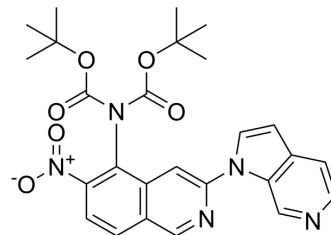


## MK-6240 Precursor

Cat. No.:	HY-126226		
CAS No.:	1841444-11-8		
Molecular Formula:	C <sub>26</sub> H <sub>27</sub> N <sub>5</sub> O <sub>6</sub>		
Molecular Weight:	505.52		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 25 mg/mL (49.45 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9782 mL	9.8908 mL	19.7816 mL
5 mM	0.3956 mL	1.9782 mL	3.9563 mL
10 mM	0.1978 mL	0.9891 mL	1.9782 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

MK-6240 Precursor (6e) is the synthetic precursor of (18F)-MK-6240. (18F)-MK-6240 is a tau positron emission tomography (PET) tracer for neurofibrillary tangles (NFTs), exhibiting high specificity and selectivity for binding to NFTs<sup>[1]</sup>.

### REFERENCES

[1]. 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.

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

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