
Product Data Sheet

Product Name: MK-6240
Cat. No.: GC30909

Chemical Properties

Cas. No. 1841078-87-2

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

Formula $C_{16}H_{11}FN_4$ M.Wt 278.28

Solubility DMSO : 12.5 mg/mL (44.92 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

MK-6240 is a positron emission tomography (PET) tracer for neurofibrillary tangles (NFTs), exhibiting high specificity and selectivity for binding to NFTs.

[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.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA