

Product Data Sheet

Product Name: PF-06649751

Cat. No.: GC48598

Chemical Properties

Cas. No. 1643489-24-0

SMILES O=C1NC(N(C)C(C2=C(C)C=C(OC3=NC=CC=C3C(F)(F)F)C=C2)=C1C)=O

Formula C₁₉H₁₆F₃N₃O₃

M.Wt 391.3

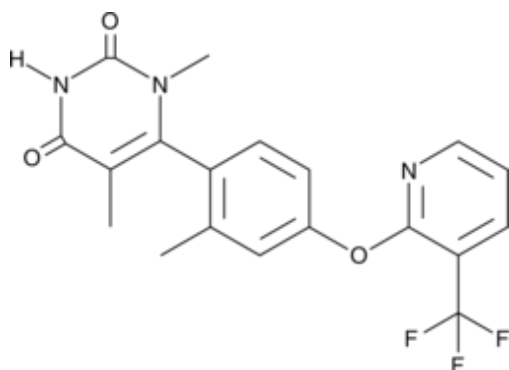
Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO:PBS (pH 7.2) (1:20): 0.05 mg/ml, Ethanol: 2 mg/ml

Storage -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

PF-06649751 is a dopamine D₁ and D₅ receptor partial agonist.¹ It increases locomotor activity and reduces a global parkinsonian disability score in a macaque model of Parkinson's disease induced by MPTP when administered at a dose of 0.04 mg/kg.

1. Young, D., Popiolek, M., Trapa, P., et al. D₁ agonist improved movement of parkinsonian nonhuman primates with limited dyskinesia side effects. *ACS Chem. Neurosci.* 11(4):560-566(2020)

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

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