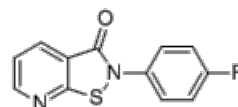


Product Name : PU-139
Synonyms : PU139;PU 139
Cat No. : M12258
CAS Number : 158093-65-3
Molecular Formula : C₁₂H₇FN₂O
Formula Weight : 246.26
Chemical Name : 2-(4-fluorophenyl)isothiazolo[5,4-b]pyridin-3(2H)-one



Description : PU-139 is a potent, unselective HAT (Histone acetyltransferase) inhibitor that blocks the HATs Gcn5, p300/CBP-associated factor (PCAF), CREB protein (CBP) and p300; triggers caspase-independent cell death in cell culture, blocks growth of SK-N-SH neuroblastoma xenografts in mice, and synergizes the effect of doxorubicin in vivo.

Pathway : Chromatin/Epigenetic

Target : HAT

Receptor : HAT

Solubility : —

SMILES : O=C1N(C2=CC=C(F)C=C2)SC3=NC=CC=C31

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Gajer JM, et al. Oncogenesis. 2015 Feb 9;4:e137. | 2. Cameiro VC, et al. PLoS Pathog. 2014 May 8;10(5):e1004116. | 3. Furdas SD, et al. Bioorg Med Chem. 2011 Jun 15;19(12):3678-89.