

Product Name : KJ-Pyr-9

Synonyms : KJ Pyr9

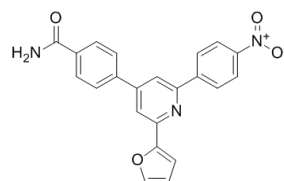
Cat No. : M15131

CAS Number : 581073-80-5

Molecular Formula : C₂₂H₁₅N₃O₄

Formula Weight : 385.37

Chemical Name : Benzamide, 4-[2-(2-furanyl)-6-(4-nitrophenyl)-4-pyridinyl]-



Description : KJ-Pyr-9 is a novel small-molecule inhibitor of c-Myc (K_d=6.5 ± 1.0 nM); interferes with MYC-MAX complex formation and inhibits MYC-induced oncogenic transformation in cells; active in xenograft mice.

Pathway : Cell Cycle/DNA Damage

Target : c-Myc

Receptor : c-Myc

Solubility : 10 mM in DMSO

SMILES : O=C(N)C1=CC=C(C2=CC(C3=CC=CO3)=NC(C4=CC=C([N+])([O-])=O)C=C4)=C2)C=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Hart JR, et al. Proc Natl Acad Sci U S A. 2014 Aug 26;111(34):12556-61. | 2. Raffeiner P, et al. Oncotarget. 2014 Oct 15;5(19):8869-78.