

Product Name : AS602868

Synonyms : AS 602868;SPC 839

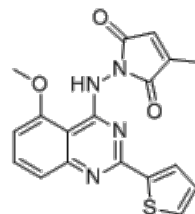
Cat No. : M13504

CAS Number : 219773-55-4

Molecular Formula : C₁₈H₁₄N₄O₃S

Formula Weight : 366.40

Chemical Name : 1-(5-Methoxy-2-thiophen-2-yl-quinazolin-4-ylamino)-3-methyl-pyrrole-2,5-dione



Description : A potent, selective and ATP-competitive inhibitor of IKK2 with IC₅₀ of 60 nM and K_i of 20 nM, also interferes directly with FLT3 kinase activation; displays no significant inhibitory activity for IKK1 and a large panel of recombinant kinases; prevents TNF-α induction of the antiapoptotic genes coding for c-IAP-2, Bclx, Bfl-1/A1 and Traf-1, induces cell death in Jurkat leukemic T cells. Blood Cancer Phase 1 Discontinued

Pathway : Immunology/Inflammation

Target : IκB kinase (IKK)

Receptor : IκB kinase (IKK)

Solubility : —

SMILES : O=C(C(C)=C1)N(NC2=C3C(OC)=CC=CC3=NC(C4=CC=CS4)=N2)C1=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Frelin C, et al. Oncogene. 2003 Nov 6;22(50):8187-94. | 2. Frelin C, et al. Blood. 2005 Jan 15;105(2):804-11. | 3. Griessinger E, et al. Leukemia. 2007 May;21(5):877-85. | 4. Jourdan M, et al. Br J Haematol. 2007 Jul;138(2):160-8.