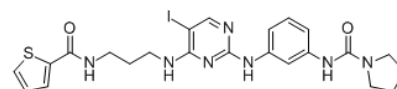


Product Name : BX795
Cat. No. : PC-42629
CAS No. : 702675-74-9
Molecular Formula : C₂₃H₂₆I N₇O₂S
Molecular Weight : 591.4677
Target : PDK1
Solubility : 10 mM in DMSO



Biological Activity

BX795 is a potent and relatively specific **PDK1** inhibitor with IC₅₀ of 6 nM.
BX795 also inhibits TBK1 and IKKε with IC₅₀ of 6 nM and 41 nM.
BX795 shows no activity for PKA, PKC, c-Kit, GSK3β, IKKα, IKKβ, etc.
BX795 blocks the autophosphorylation of overexpressed TBK1 and IKKε at Ser-172.
BX795 has no effect on the canonical NFκB signaling pathway.

References

- Clark K, et al. *J Biol Chem*. 2009 May 22;284(21):14136-46.
Feldman RI, et al. *J Biol Chem*. 2005 May 20;280(20):19867-74.
Frémond ML, et al. *Arthritis Rheumatol*. 2017 Apr 20. doi: 10.1002/art.40122.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com