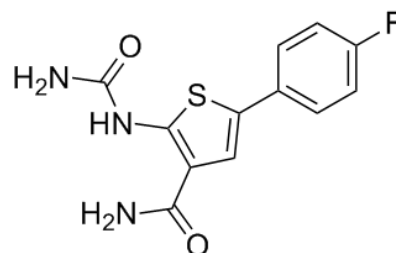


Product Name : TPCA-1
Cat. No. : PC-42243
CAS No. : 507475-17-4
Molecular Formula : C₁₂H₁₀FN₃O₂S
Molecular Weight : 279.2901
Target : IκB kinase (IKK)
Solubility : 10 mM in DMSO



Biological Activity

TPCA-1 (IKK-2 Inhibitor IV) is a potent, selective and orally bioavailable **IKK-2** inhibitor with IC₅₀ of 63 nM, TNF cell IC₅₀ of 0.4 μM.

TPCA-1 displays >100-fold selectivity over IKK-1.

References

Baxter A, et al. *Bioorg Med Chem Lett*. 2004 Jun 7;14(11):2817-22.

Park BK, et al. *Nat Med*. 2007 Jan;13(1):62-9.

Amaya M, et al. *PLoS One*. 2014 Feb 19;9(2):e86745.

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

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