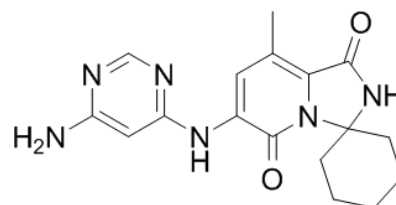


Product Name : eFT508
Cat. No. : PC-42035
CAS No. : 1849590-01-7
Molecular Formula : C₁₇H₂₀N₆O₂
Molecular Weight : 340.3797
Target : MNK
Solubility : DMSO: 6 mg/mL (Need ultrasonic)



Biological Activity

eFT508 (Tomivosertib) is a potent, highly selective, reversible, ATP-competitive, and orally bioavailable **MNK1 and MNK2** inhibitor with IC₅₀ of 1-2 nM in enzyme assays.

eFT508 (Tomivosertib) dose-dependently reduces eIF4E phosphorylation at Serine 209 in tumor cell lines with IC₅₀ of 2-16 nM.

eFT508 (Tomivosertib) shows anti-proliferative activity against multiple DLBCL cell lines, decreases the production of pro-inflammatory cytokines including TNF α , IL-6, IL-10 and CXCL10.

eFT508 (Tomivosertib) demonstrates significant anti-tumor activity in human lymphoma xenograft models which harbor activating MyD88 mutations.

References

Kevin R. Webster, et al. *Blood* 2015 126:1554;

Dreas A, et al. *Curr Med Chem.* 2017;24(28):3025-3053.

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

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