

Product Name	: Thymidylate Kinase Inhibitor, YMU1
Synonyms	: —
Cat No.	: M24937
CAS Number	: 902589-96-2
Molecular Formula	: C ₁₇ H ₂₂ N ₄ O ₄ S
Formula Weight	: 378.5
Chemical Name	: —
Description	: YMU1 is a human thymidylate kinase (hTMPK) inhibitor. YMU1 stabilizes the conformation of ligand-induced degradation (LID) region of hTMPK and blocks the catalytic site or ATP-binding site.
Pathway	: Others
Target	: Other Targets
Receptor	: hTMPK
Solubility	: DMSO:10 mM
SMILES	: <chem>CCOC(=O)N1CCN(CC1)C(=O)CN2C(=O)C3=C(S2)N=C(C=C3C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Dong B , Jaeger A M , Hughes P F , et al. Targeting therapy-resistant prostate cancer via a direct inhibitor of the human heat shock transcription factor 1[J]. Science Translational Medicine, 2020, 12(574):eabb5647.