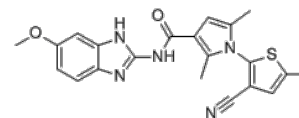


Product Name : KY386
Cat. No. : PC-21245
CAS No. : 2787598-01-8
Molecular Formula : C₂₁H₁₉N₅O₂S
Molecular Weight : 405.48
Target : DNA Repair Protein
Solubility : 10 mM in DMSO



CAS: 2787598-01-8

Biological Activity

KY386 is a potent, selective inhibitor of RNA helicase **DHX33** with IC₅₀ of 19 nM.

KY386 potently inhibits U251-MG cells (DHX33-overexpressing cancer cell strain) with IC₅₀ of 20 nM.

KY386 has little inhibitory effect toward other RNA helicases include DDX6, DHX15, DDX21, DHX32, DHX35, DHX40 and DDX59.

KY386 shows potent anti-cancer activity and moderate metabolic stability.

References

Wang Y, et al. *Bioorg Med Chem Lett*. 2023 Oct 12:129505.

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

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