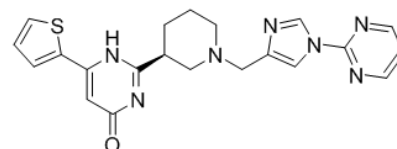


Product Name : Ribocil-C
Cat. No. : PC-45638
CAS No. : 1825355-56-3
Molecular Formula : C₂₁H₂₁N₇OS
Molecular Weight : 419.5027
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Ribocil-C is a highly selective inhibitor of the **FMN riboswitch** that controls expression of de novo riboflavin (Vitamin B2) biosynthesis in *Escherichia coli*.

Ribocil-C inhibits dual FMN riboswitches, separately controlling RF biosynthesis and uptake processes essential for MRSA growth and pathogenesis.

References

Wang H, et al. *Cell Chem Biol.* 2017 May 18;24(5):576-588.e6.

Krajewski SS, et al. *Cell Chem Biol.* 2017 May 18;24(5):535-537.

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

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