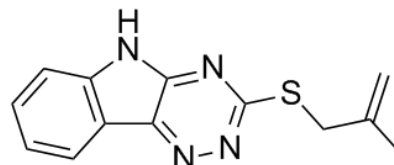


Product Name : Rbin-1
Cat. No. : PC-42264
CAS No. : 328023-11-6
Molecular Formula : C₁₃H₁₂N₄S
Molecular Weight : 256.3262
Target : Other Targets
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

Rbin-1 (Ribozinoindole-1) is a potent, specific and reversible inhibitor of eukaryotic ribosome biogenesis that targets the **AAA+ protein Midasin** (IC₄₀=1 uM).

Rbin-1 inhibits the cell growth Wild-type fission yeast strains with GI₅₀ of 136 nM, reduces the levels of Mdn1 in the Nsa1 particle.

Rbin-1 is a powerful probe for eukaryotic ribosome assembly.

References

Kawashima SA, et al. **Cell**. 2016 Oct 6;167(2):512-524.e14.

Garbarino JE, et al. **BMC Genomics**. 2002;3:18.

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

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