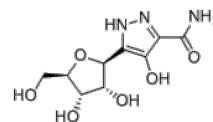


Product Name : Pyrazofurin
Cat. No. : PC-20259
CAS No. : 30868-30-5
Molecular Formula : C₉H₁₃N₃O₆
Molecular Weight : 259.22
Target : Nucleoside Antimetabolite/Analog
Solubility : 10 mM in DMSO



1. Ringer DP, et al. 1991 Spring;6(1):19-27.
2. Peters GJ, et al. Nucleosides Nucleotides Nucleic Acids. 2018;37(6):329-339.

Biological Activity

Pyrazofurin (Pyrazomycin, NSC 143095) is a nucleoside analog that potently inhibits orotidine 5'-monophosphate (**OMP**) **decarboxylase**, thereby interfering with de novo synthesis of uridine nucleotides and resulting in cytotoxicity.

References

