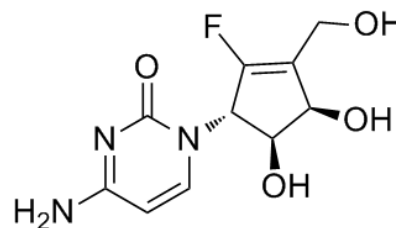


Product Name : RX-3117
Cat. No. : PC-44249
CAS No. : 865838-26-2
Molecular Formula : C₁₀H₁₂FN₃O₄
Molecular Weight : 257.22
Target : Nucleoside Antimetabolite/Analog
Solubility : DMSO: ≥ 50 mg/mL



Biological Activity

RX-3117 (TV-1360, Fluorocyclopentenylcytosine) is an orally available cytidine analog, nucleoside antimetabolite with potential antineoplastic activity, inhibits **DNMT1** activity.

Fluorocyclopentenylcytosine (RX-3117) is activated by uridine-cytidine kinase 2 (UCK2).

RX-3117 shows potent efficacy in xenograft models, even in tumors that are resistant to gemcitabine.

References

Peters GJ, et al. *Invest New Drugs*. 2013 Dec;31(6):1444-57.

Yang MY, et al. *Anticancer Res*. 2014 Dec;34(12):6951-9.

Sarkisjan D, et al. *PLoS One*. 2016 Sep 9;11(9):e0162901.

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

E-mail: tech@probechem.com