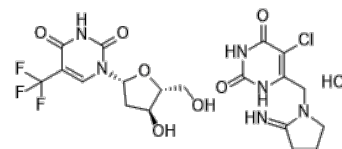


Product Name : TAS-102
Cat. No. : PC-27576
CAS No. : 733030-01-8
Molecular Formula : $C_{10}H_{11}F_3N_2O_{5.1/2}C_9H_{11}ClN_4O_{2.1/2}HCl$
Molecular Weight : 435.76
Target : Nucleoside Antimetabolite/Analog
Solubility : 10 mM in DMSO



Biological Activity

TAS-102 (Trifluridine/tipiracil hydrochloride mixture) is a 1:0.5 mixture of alpha, alpha, alpha-trifluorothymidine (FTD) and 5-chloro-6-[1-(2-iminopyrrolidinyl)methyl]-2,4(1H,3H)-pyrimidinedione hydrochloride thymidine phosphorylase inhibitor (TPI), inhibits thymidilate synthase (TS) and incorporation into DNA.

References

Emura T, et al. Oncol Rep. 2004 Feb;11(2):381-7.

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

E-mail: tech@probechem.com