MOLNOVA
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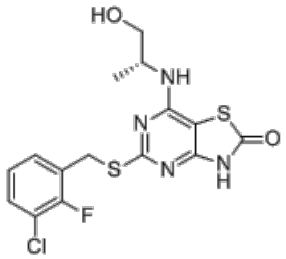
Datasheet (Version 1.0)

Product Name	:	AZ 10397767
Synonyms	:	AZ10397767;AZ-10397767;AZ767;AZ 767
Cat No.	:	M14127
CAS Number	:	333742-63-5
Molecular Formula	:	C15H14ClFN4O2S2
Formula Weight	:	400.87
Chemical Name	:	(1R)-5-[[(3-chloro-2-fluorophenyl)methyl]thio]-7-[[2-hydroxy-1-methylethyl]amino]thiazolo[4,5-d]pyrimidin-2(3H)-one
Description	:	AZ10397767 is a potent, selective CXCR2 inhibitor that inhibits CXCL8 binding to CXCR2 with pIC50 of 9.0; weakly inhibits CXCL8 binding to CXCR1 with pIC50<7, and no affinity for CCR2 and CCR5; significantly attenuates IL-8-induced c-FLIP mRNA up-regulation whereas inhibition of AR- and/or NF-kappaB-mediated transcription attenuated IL-8-induced c-FLIP expression in LNCaP and PC3 cells, respectively; attenuates oxaliplatin-induced NF-kappaB activation, increases oxaliplatin cytotoxicity, and potentiates oxaliplatin-induced apoptosis in AIPC cells.
Pathway	:	GPCR/G Protein
Target	:	Chemokine Receptor
Receptor	:	Chemokine Receptor
Solubility	:	——
SMILES	:	O=C1SC2=C(N[C@H](C)CO)N=C(SCC3=CC=CC(Cl)=C3F)N=C2N1
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	



1. Wilson C, et al. J Pharmacol Exp Ther. 2008 Dec;327(3):746-59.| 2. Seaton A, et al. Carcinogenesis. 2008 Jun;29(6):1148-56.| 3. Wilson C, et al. Mol Cancer Ther. 2008 Sep;7(9):2649-61.| 4. Walters I, et la. Bioorg Med Chem Lett. 2008 Jan 15;18(2):798-803.