



Product Information

PARP inhibitor RBN-2397, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ247

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 2381037-82-5

Compound CID: 146047148

Synonym: 2381037-82-5; RBN-2397; Atamparib; RBN2397; Atamparib [INN];

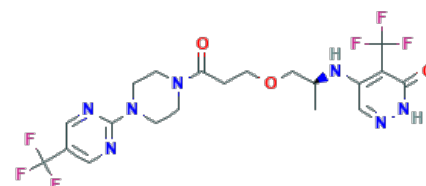
Atamparib [USAN]; B1MW2ME77A;

4-[[[(2S)-1-[3-oxo

-3-[4-[5-(Trifluoromethyl)pyrimidin-2-yl]piperazin-1-yl]propoxy]propan-2-yl]amino]-5-(tri

fluoromethyl)-1H-pyridazin-6-one; PARP inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	RBN-2397 binds to the PARP enzyme's active site, preventing it from repairing single-strand DNA breaks.
Molecular Weight	523.43
Molecular Formula	C ₂₀ H ₂₃ F ₆ N ₇ O ₃
IUPAC Name	4-[[[(2S)-1-[3-oxo -3-[4-[5-(Trifluoromethyl)pyrimidin-2-yl]piperazin-1-yl]propoxy]propan-2-yl]amino]-5-(trifluoromethyl)- 1H-pyridazin-6-one
InChI	InChI=1S/C20H23F6N7O3/c1-12(30-14-10-29-31-17(35)16(14)20(24,25)26)11-36-7-2-15(34)32-3-5 -33(6-4-32)18-27-8-13(9-28-18)19(21,22)23/h8-10,12H,2-7,11H2,1H3,(H2,30,31,35)/t12-/m0/s1
InChI Key	UQZCQKXJAXKZQH-LBPRGKRZSA-N
Canonical SMILES	CC(COCCC(=O)N1CCN(CC1)C2=NC=C(C=N2)C(F)(F)F)NC3=C(C(=O)NN=C3)C(F)(F)F
Isomeric SMILES	C[C@@H](COCCC(=O)N1CCN(CC1)C2=NC=C(C=N2)C(F)(F)F)NC3=C(C(=O)NN=C3)C(F)(F)F
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	RBN-2397 can be used to study its inhibition of PARP7 in cancer research.



Storage

Store at -20°C.
