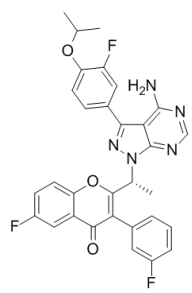


Product Name	: TGR-1202 R-enantiomer	
Synonyms	: RP5264 R-enantiomer; TGR1202 R-enantiomer	
Cat No.	: M12155	
CAS Number	: 1532533-69-9	
Molecular Formula	: C ₃₁ H ₂₄ F ₃ N ₅ O ₃	
Formula Weight	: 571.55	
Chemical Name	: 4H-1-Benzopyran-4-one, 2-[(1R)-1-[4-amino-3-[3-fluoro-4-(1-methylethoxy)phenyl]-1H-pyrazolo[3,4-d]pyrimidin-1-yl]ethyl]-6-fluoro-3-(3-fluorophenyl)-	
Description	TGR-1202 R-enantiomer is the less active enantiomer of TGR-1202 (Umbralisib), TGR-1202 is a potent, selective, orally available PI3K δ inhibitor with IC ₅₀ of 22 nM.	
Pathway	PI3K/Akt/mTOR signaling	
Target	PI3K	
Receptor	PI3K	
Solubility	10 mM in DMSO	
SMILES	<chem>O=C1C(C2=CC=CC(F)=C2)=C([C@@H](C)N3N=C(C4=CC=C(OC(C)C)C(F)=C4)C5=C(N)N=CN=C53)OC6=CC=C(F)C=C16</chem>	
Storage	(-20°C)	
Stability	≥ 2 years	
Reference		

1. Locatelli SL, et al. Leukemia. 2016 Dec;30(12):2402-2405. | 2. Deng C, et al. Blood. 2017 Jan 5;129(1):88-99. | 3. Burris HA 3rd, et al. Lancet Oncol. 2018 Feb 20. pii: S1470-2045(18)30082-2. | 4. Lampson BL, et al. Expert Opin Investig Drugs. 2017 Nov;26(11):1267-1279.