CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

PI3K inhibitor Umbralisib R-enantiomer, Purity ≥98%

Cat. No.: X24-05-ZQ170

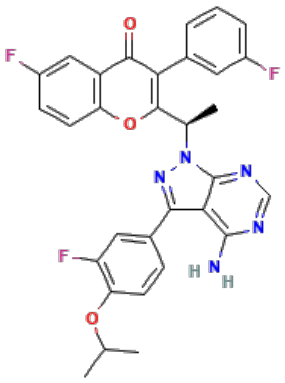
Size: 2 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1532533-69-9

Compound CID: 74223036

Synonym: 1532533-69-9; TGR-1202 R-enantiomer; TGR1202; TGR 1202; RP5264 R-enantiomer; RP 5264; RP-5264; PI3K inhibitor

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



Product Information

Description	Umbralisib R-enantiomer is a potent compound that inhibits PI3 kinase activity. It targets PI3Kδ.
Molecular Weight	571.55
Molecular Formula	$C_{31}H_{24}F_3N_5O_3$
Targets	PI3Kδ
IUPAC Name	2-[(1*R*)-1-[4-amino-3-(3-fluoro-4-propan-2-yloxyphenyl)pyrazolo[3,4-d]pyrimidin-1-yl]ethyl]-6-fluoro-3-(3-fluorophenyl)chromen-4-one
InChI	InChI=1S/C31H24F3N5O3/c1-15(2)41-24-9-7-18(12-22(24)34)27-26-30(35)36-14-37-31(26)39(38-27)16(3)29-25(17-5-4-6-19(32)11-17)28(40)21-13-20(33)8-10-23(21)42-29/h4-16H,1-3H3,(H2,35,36,37)/t16-/m1/s1
InChI Key	IUVCFHHAEHNCFT-MRXNPFEDSA-N
Canonical SMILES	CC(C)OC1=C(C=C(C=C1)C2=NN(C3=NC=NC(=C23)N)C(C)C4=C(C(=O)C5=C(O4)C=CC(=C5)F)C6=CC(=CC=C6)F)F
Isomeric SMILES	C[C@H](C1=C(C(=O)C2=C(O1)C=CC(=C2)F)C3=CC(=CC=C3)F)N4C5=NC=NC(=C5C(=N4)C6=CC(=C(C=C6)OC(C)C)F)N
Form	Lyophilized powder
Purity	≥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	Umbralisib R-enantiomer is used to study the selective inhibition of PI3Kδ and its therapeutic

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

	potential in B-cell malignancies.
Storage	Store at -20ºC.