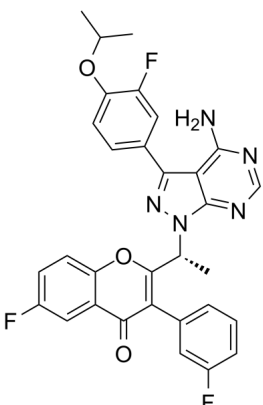


Certificate of Analysis

Catalog Number	BP22330
Product Name	Umbralisib R-enantiomer

Physical and Chemical Properties

Synonyms	RP5264 R-enantiomer, TGR-1202 R-enantiomer
CAS No.	1532533-69-9
Chemical Formula	C ₃₁ H ₂₄ F ₃ N ₅ O ₃
Molecular Weight	571.56
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of Umbralisib R-enantiomer is shown. It features a central pyrazole ring. One side of the pyrazole is substituted with a 4-(4-(2-methoxy-2-propoxyphenyl)-5-fluorophenyl)-1H-pyrazol-1-yl group. The other side is substituted with a 4-(4-fluorophenyl)-6-(4-fluorophenyl)-2H-pyran-2-yl group. The stereochemistry at the chiral center is R.</p>

Product Information

Description	Umbralisib R-enantiomer (TGR-1202 R-enantiomer) is an inhibitor of PI3Kδ, which is the less active enantiomer of TGR-1202.
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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v2 Revision on 12/28/2022