

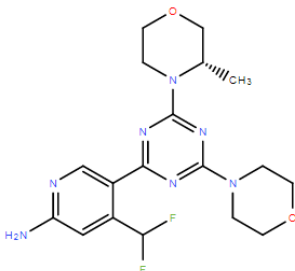
Certificate of Analysis

Target	生物活性小分子>>PI3K/Akt/mTOR>>PI3K
Cat.No	DC10767
Name	PQR530

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Chemical Properties

CAS	1927857-61-1
Formula	C ₁₈ H ₂₃ F ₂ N ₇ O ₂
MW	407.43
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 The chemical structure of PQR530 is a complex molecule. It features a central pyrimidine ring system. One side of the pyrimidine is fused to a pyridine ring, which has an amino group (-NH₂) at the 6-position and two fluorine atoms (-F) at the 2 and 3 positions. The other side of the pyrimidine is substituted with a morpholine ring and a (S)-1-methyl-2-morpholinoethyl group. The morpholine ring is attached at the 4-position of the pyrimidine, and the (S)-1-methyl-2-morpholinoethyl group is attached at the 5-position. The methyl group is shown with a wedge bond, indicating its stereochemistry.
Purity	>98%

Website:
www.dcchemicals.com