

Product Name: CCT 369260

Catalog No.: 7799

Batch No.: 1

CAS Number: 2253878-44-1

IUPAC Name: *rel*-5-[[5-Chloro-2-[(3*R*,5*S*)-4,4-difluoro-3,5-dimethyl-1-piperidinyl]-4-pyrimidinyl]amino]-1,3-dihydro-3-(3-hydroxy-3-methylbutyl)-1-methyl-2*H*-benzimidazol-2-one

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₄H₃₁ClF₂N₆O₂· $\frac{1}{4}$ H₂O

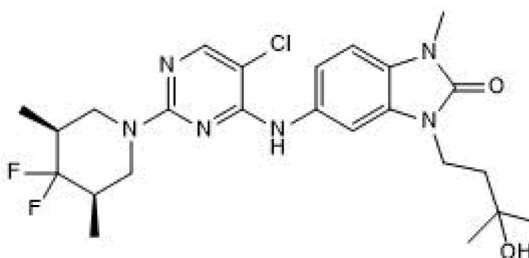
Batch Molecular Weight: 513.5

Physical Appearance: White solid

Solubility: DMSO to 50 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.8% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	56.14	6.18	16.37
Found	55.37	6.1	15.82

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

CCT 369260 acts as a potent BCL6 molecular glue Degradator (IC₅₀ = 54 nM). It reduces BCL6 levels in a lymphoma xenograft mouse model. CCT 369260 is orally bioavailable.

Physical and Chemical Properties:

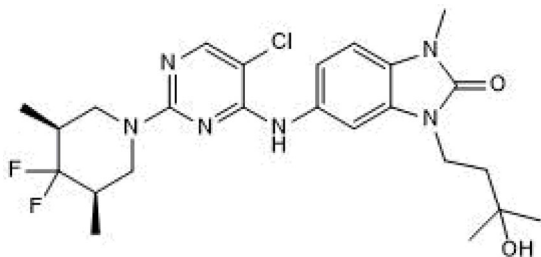
Batch Molecular Formula: C₂₄H₃₁ClF₂N₆O₂·¼H₂O

Batch Molecular Weight: 513.5

Physical Appearance: White solid

Minimum Purity: ≥98%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 50 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Bellenie et al (2020) Achieving *in vivo* target depletion through the discovery and optimization of Benzimidazolone BCL6 degraders. *J.Med.Chem.* **2020** 63. PMID: 32275432.

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