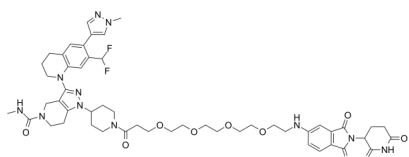


Certificate of Analysis

Catalog Number	BP13794
Product Name	dCBP-1

Physical and Chemical Properties

CAS No.	2484739-25-3
Chemical Formula	C ₅₁ H ₆₃ F ₂ N ₁₁ O ₁₀
Molecular Weight	1028.11
Solubility	DMSO: 50 mg/mL (48.63 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	dCBP-1 is a chemical degrader of p300/CBP. dCBP-1 hijacks the E3 ubiquitin ligase CRBN for selective degradation of p300/CBP. Degradation of p300/CBP by dCBP-1 leads to effective multiple myeloma cell killing.
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In vitro	Treatment of the human haploid cell line HAP1 for 6 h with dCBP-1 revealed almost complete loss of both CBP and p300 between 10 and 1,000 nM doses. A time course analysis with 250 nM dCBP-1 revealed almost complete degradation of p300/CBP within an hour of treatment. dCBP-1 was also able to induce near-complete p300/CBP degradation across other multiple myeloma cell lines tested, including MM1R, KMS-12-BM, and KMS34.
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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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