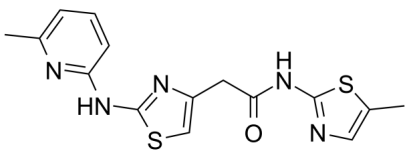


Certificate of Analysis

Catalog Number	BP13263
Product Name	HQ461

Physical and Chemical Properties

CAS No.	1226443-41-9
Chemical Formula	C ₁₅ H ₁₅ N ₅ OS ₂
Molecular Weight	345.44
Solubility	DMSO: 62 mg/mL (179.48 mM), ultrasonic and warming and heat to 60°C
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	HQ461 is a molecular glue that promotes CDK12-DDB1 interaction to trigger cyclin K degradation, resulting in decreased CDK12 substrate phosphorylation, downregulation of DNA damage response genes, and cell death.
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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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