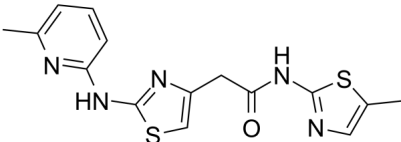


Data Sheet

Product Information

Catalog Number	BP13263
Product Name	HQ461
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.
CAS No.	1226443-41-9
Chemical Formula	C ₁₅ H ₁₅ N ₅ O ₂ S 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	 <p>The chemical structure of HQ461 is a molecular glue. It features a 4-methylpyridine ring connected via an amine bridge to a thiazole ring. This thiazole ring is further connected to a methylene group, which is linked to a carbonyl group. The carbonyl group is connected to another thiazole ring, which has a methyl group at the 4-position.</p>

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Purdue Bioscience Inc.