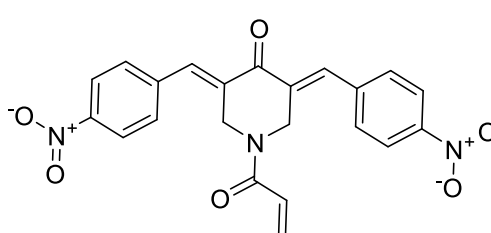


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406452	b-AP15	CRB60309

Chemical name	
(3E,5E)-1-acryloyl-3,5-bis(4-nitrobenzylidene)piperidin-4-one.	
Synonyms	
b-AP15; b-AP15; b-AP-15; USP14 Inhibitor III; UCHL5UCH37 Inhibitor II; NSC687852.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406452 Name: b-AP15 CAS#: 1009817-63-3 Lot#CRB60309 Chemical Formula: C ₂₂ H ₁₇ N ₃ O ₆ Exact Mass: 419.11174 Molecular Weight: 419.39

Analysis item	Specifications / Results
Appearance	Yellow solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Self life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE