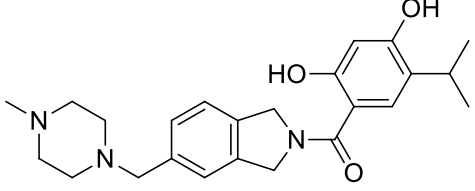




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
200317	Onalespib (AT13387)	PG20629

Chemical name	
(2,4-dihydroxy-5-isopropylphenyl)(5-((4-methylpiperazin-1-yl)methyl)isoindolin-2-yl)methanone	
Synonyms	
AT13387; AT-13387; AT 13387; Onalespib; Onalespib lactate	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 200317 Name: Onalespib (AT13387) CAS#: 912999-49-6 Lot#: PG20629 Chemical Formula: C ₂₄ H ₃₁ N ₃ O ₃ Exact Mass: 409.23654 Molecular Weight: 409.52

Analysis item	Specifications / Results
Appearance	White to off white 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 DMF,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
Shelf life	At least 3 years if properly stored.

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