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## Certificate of Analysis

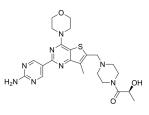
## Apitolisib

Cat. No.:	HY-13246
CAS No.:	1032754-93-0
Batch No.:	06525
Chemical Name:	1-Propanone, 1-[4-[[2-(2-amino-5-pyrimidinyl)-7-methyl-4-(4-morpholinyl)thieno[3,2-d]pyrimidi
	n-6-yl]methyl]-1-piperazinyl]-2-hydroxy-, (2S)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>23</sub> H <sub>30</sub> N <sub>8</sub> O <sub>3</sub> S		
Molecular Weight:	498.60		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

**Chemical Structure:** 



### ANALYTICAL DATA

Appearance:	White to yellow (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	99.65%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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