

## **Certificate of Analysis**

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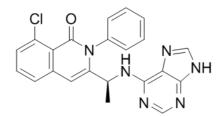
Product Name	: Duvelisib
Cat. No.	: PC-45169
CAS No.	: 1201438-56-3
Batch No.	: PC-4516901
Chemical Name	: 1(2H)-Isoquinolinone, 8-chloro-2-phenyl-3-[(1S)-1-(9H-purin-6-ylamino)ethyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 416.863	
Molecular Formula	: C <sub>22</sub> H <sub>17</sub> CIN <sub>6</sub> O	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 1 Month

:

Chemical Structure



ANALYTICAL DATA	
Appearance	: Solid powder
<sup>1</sup> H NMR Spectrum	: Consistent with
HPLC	: Consistent with
NP	: Consistent with
Purity (HPLC and/or LCMS)	: >98%
Conclusion	: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com