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Certificate of Analysis

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: Umbralisib
Cat. No.	: PC-42941
CAS No.	: 1532533-67-7
Batch No.	: PC-4294101
Chemical Name	: 4H-1-Benzopyran-4-one, 2-[(1S)-1-[4-amino-3-[3-fluoro-4-(1-methylethoxy)phenyl]-1H- pyrazolo[3,4-d]pyrimidin-1-yl]ethyl]-6-fluoro-3-(3-fluorophenyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 571.5492	
Molecular Formula	: C ₃₁ H ₂₄ F ₃ N ₅ O ₃	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 1 Month
Chemical Structure	: \	_
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		H ₂ N
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		N
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		F

ANALYTICAL DATA	
Appearance	: Solid powder
¹ 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