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## **Certificate of Analysis**

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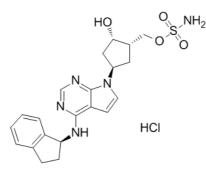
Product Name	: MLN4924 hydrochloride
Cat. No.	: PC-42613
CAS No.	: 1160295-21-5
Batch No.	: PC-4261301
Chemical Name	Sulfamic acid, [(1S,2S,4R)-4-[4-[[(1S)-2,3-dihydro-1H-inden-1-yl]amino]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-2-hydroxycyclopentyl]methyl ester, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 479.9803	
Molecular Formula	: C <sub>21</sub> H <sub>26</sub> ClN <sub>5</sub> O <sub>4</sub> S	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 6 Months

:

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