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## **Certificate of Analysis**

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: Oliceridine hydrochloride
Cat. No.	: PC-61682
CAS No.	: 1401028-24-7
Batch No.	: PC-6168201
Chemical Name	: (R)-N-((3-methoxythiophen-2-yl)methyl)-2-(9-(pyridin-2-yl)-6-oxaspiro[4.5]decan-9- yl)ethanamine hydrochloride

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 423.012	
Molecular Formula	: C <sub>22</sub> H <sub>31</sub> CIN <sub>2</sub> O <sub>2</sub> S	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 6 Months
Chemical Structure		>
	L +	łCI

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