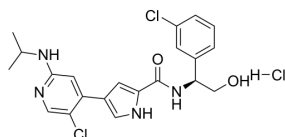


## Certificate of Analysis

<b>Product Name:</b>	Ulixertinib (hydrochloride)
<b>Cat. No.:</b>	CS-0093706
<b>CAS No.:</b>	1956366-10-1
<b>Batch No.:</b>	159151
<b>Chemical Name:</b>	1H-Pyrrole-2-carboxamide, 4-[5-chloro-2-[(1-methylethyl)amino]-4-pyridinyl]-N-[(1S)-1-(3-chlorophenyl)-2-hydroxyethyl]-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>23</sub> Cl <sub>3</sub> N <sub>4</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	469.79
<b>Storage:</b>	2-8°C, sealed storage, away from moisture
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	99.84%
<b>Conclusion:</b>	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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