

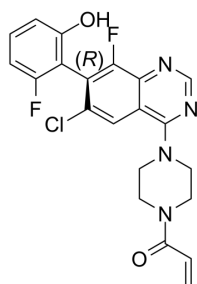
## Certificate of Analysis

Product Name:	ARS-1630
Cat. No.:	HY-U00417
CAS No.:	1698055-86-5
Batch No.:	31980
Chemical Name:	2-Propen-1-one, 1-[4-[(7R)-6-chloro-8-fluoro-7-(2-fluoro-6-hydroxyphenyl)-4-quinazoliny]-1-piperaziny]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>21</sub> H <sub>17</sub> ClF <sub>2</sub> N <sub>4</sub> O <sub>2</sub>		
Molecular Weight:	430.84		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to yellow (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Enantiomeric Excess:	99.55%
Purity (LCMS):	98.01%
Conclusion:	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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