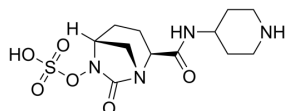


## Certificate of Analysis

<b>Product Name:</b>	Relebactam
<b>Cat. No.:</b>	CS-5391
<b>CAS No.:</b>	1174018-99-5
<b>Batch No.:</b>	113050
<b>Chemical Name:</b>	Sulfuric acid, mono[(1R,2S,5R)-7-oxo-2-[(4-piperidinylamino)carbonyl]-1,6-diazabicyclo[3.2.1]oct-6-yl] ester

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub> S
<b>Molecular Weight:</b>	348.38
<b>Storage:</b>	Storage temp. 2-8°C
<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>MS:</b>	Consistent with structure
<b>Purity (HPLC):</b>	99.72%
<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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