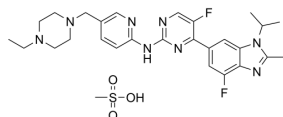


## Certificate of Analysis

|                       |  |
|-----------------------|--|
| <b>Product Name:</b>  | Abemaciclib (methanesulfonate)   |
| <b>Cat. No.:</b>      | CS-1229  |
| <b>CAS No.:</b>       | 1231930-82-7   |
| <b>Batch No.:</b>     | 212169   |
| <b>Chemical Name:</b> | 2-Pyrimidinamine, N-[5-[(4-ethyl-1-piperazinyl)methyl]-2-pyridinyl]-5-fluoro-4-[4-fluoro-2-methyl-1-(1-methylethyl)-1H-benzimidazol-6-yl]-, methanesulfonate (1:1) |

### PHYSICAL AND CHEMICAL PROPERTIES

|                            |  |
|----------------------------|--|
| <b>Molecular Formula:</b>  | C <sub>28</sub> H <sub>36</sub> F <sub>2</sub> N <sub>8</sub> O <sub>3</sub> S |
| <b>Molecular Weight:</b>   | 602.70   |
| <b>Storage:</b>            | 2-8°C, sealed storage, away from moisture                                      |
| <b>Chemical Structure:</b> |  |



### ANALYTICAL DATA

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | White to yellow (Solid)   |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>LCMS:</b>                       | Consistent with structure   |
| <b>Purity (LCMS):</b>              | 99.90%  |
| <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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