

## Certificate of Analysis

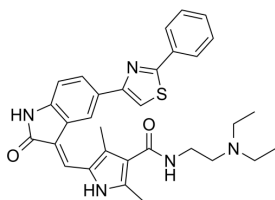
**Product Name:** Amcasertib  
**Cat. No.:** HY-17602  
**CAS No.:** 1129403-56-0  
**Batch No.:** 22322  
**Chemical Name:** 1H-Pyrrole-3-carboxamide, N-[2-(diethylamino)ethyl]-5-[[1,2-dihydro-2-oxo-5-(2-phenyl-4-thiazolyl)-3H-indol-3-ylidene]methyl]-2,4-dimethyl-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>31</sub>H<sub>33</sub>N<sub>5</sub>O<sub>2</sub>S  
**Molecular Weight:** 539.69  
**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:** Light yellow to yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 98.58%  
**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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