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# Certificate of Analysis

# Inhibitors • Screening Libraries • Proteins

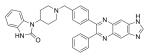
# **AKT inhibitor VIII**

Cat. No.:	HY-10355
CAS No.:	612847-09-3
Batch No.:	03115
Chemical Name:	2H-Benzimidazol-2-one, 1,3-dihydro-1-[1-[[4-(6-phenyl-1H-imidazo[4,5-g]quinoxalin-7-yl)phenyl
	]methyl]-4-piperidinyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>34</sub> H <sub>29</sub> N <sub>7</sub> O		
Molecular Weight:	551.64		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	1 year
		-20°C	6 months

**Chemical Structure:** 



## ANALYTICAL DATA

Appearance:	Light yellow to yellow (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	98.97%
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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