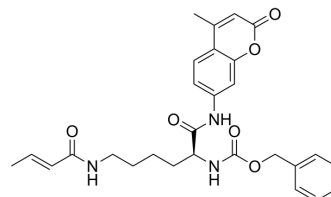


## CrBKA

<b>Cat. No.:</b>	HY-153104
<b>CAS No.:</b>	2260810-48-6
<b>Molecular Formula:</b>	C <sub>28</sub> H <sub>31</sub> N <sub>3</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	505.56
<b>Target:</b>	Sirtuin
<b>Pathway:</b>	Cell Cycle/DNA Damage; Epigenetics
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : ≥ 100 mg/mL (197.80 mM)  
\* "≥" means soluble, but saturation unknown.

Solvent	Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9780 mL	9.8900 mL	19.7800 mL
	5 mM	0.3956 mL	1.9780 mL	3.9560 mL
	10 mM	0.1978 mL	0.9890 mL	1.9780 mL

Please refer to the solubility information to select the appropriate solvent.

## BIOLOGICAL ACTIVITY

<b>Description</b>	CrBKA is a fluorogenic small-molecule substrate of SIRT6 with weak activity <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	SIRT6

## REFERENCES

[1]. Wang H L, et al. Interactions between sirtuins and fluorogenic small-molecule substrates offer insights into inhibitor design. Rsc Advances, 2017, 7(58): 36214-36222.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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