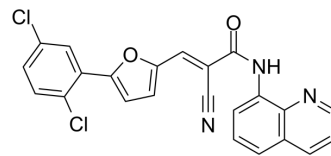


## AGK7

Cat. No.:	HY-119857
CAS No.:	304896-21-7
Molecular Formula:	C <sub>23</sub> H <sub>13</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	434.27
Target:	Sirtuin
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

AGK7 is a potent inhibitor of sirtuin 2 (SIRT2). AGK7 rescues alpha-synuclein toxicity and modified inclusion morphology in a cellular model of Parkinson's disease. AGK7 protects against dopaminergic cell death both in vitro and in a Drosophila model of Parkinson's disease<sup>[1]</sup>.

## REFERENCES

[1]. Outeiro TF, et al. Sirtuin 2 inhibitors rescue alpha-synuclein-mediated toxicity in models of Parkinson's disease. *Science*. 2007;317(5837):516-519.

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

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