



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## AGK2

**Catalog #:** 27228

**Lot #:** 120628

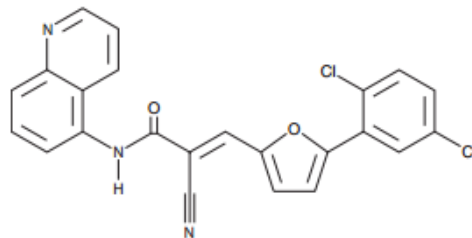
**Size:** 5 mg

**Structure:**

**CAS Registry #:** 304896-28-4

**Purity:** ≥98%

**Chemical Formula:** C<sub>23</sub>H<sub>13</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>



**Molecular Weight:** 434.3

**Description:** AGK2 is a selective, cell-permeable inhibitor of SIRT2. It has minimal effects on SIRT1 and SIRT3 at 10-fold higher levels compared to SIRT2. It may be useful for studying SIRT2 in neurodegeneration and aging, as well as cell cycle progression and tumorigenesis.

**Appearance:** A crystalline solid

**Solubility:** Soluble in DMSO and DMF purged with an inert gas. Solubility is approximately 1 mg/ml in DMSO and approximately 3 mg/ml in DMF. Do not store aqueous solutions for more than one day.

**Biological Activity:** AGK2 inhibits SIRT2 with an IC<sub>50</sub> value of 3.5 μM.

**Storage/Stability:** Store at or below -20 °C for up to two years.

**Quality Control:** The purity was determined by HPLC analysis.

**Reference(s):**

1. Outeiro, T.F., *et al.*, *Science*. 2007;**317**:516-519.