SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

BPS Bioscience

Data Sheet

AGK2

Catalog #: 27228

Size: 5 mg

CAS Registry #: 304896-28-4

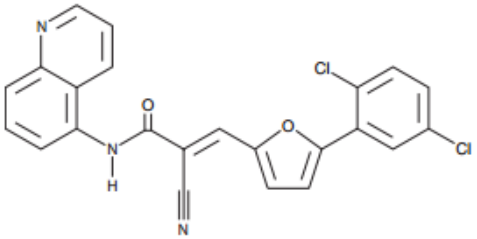
Purity: ≥98%

Chemical Formula: $C_{23}H_{13}Cl_2N_3O_2$

Molecular Weight: 434.3

Lot #: 120628

Structure:



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_{50} 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.

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6044 Cornerstone Court West, Suite E, San Diego, CA 92121
Tel: (858) 829 -3082 ● Fax: (858) 481 – 8694
Email: info@bpsbioscience.com ● Visit: www.bpsbioscience.com

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