

## SIRT2 Inhibitor, AGK2

Cat. No. CEI-0651

Lot. No. (See product label)

### Introduction

**Description** A potent inhibitor of sirtuin 2 (SIRT2) (IC<sub>50</sub> = 3.5 μM). AGK2 is >15-fold more selective for SIRT2 than SIRT1 and SIRT3. Inhibition of SIRT2 rescued α ;-synuclein toxicity and modified inclusion morphology in a cellular model of Parkinson's disease.

### Product Information

**Appearance** Yellow solid

**CAS No.** 304896-28-4

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

**Chemical Name** AGK2, (2E)-2-cyano-3-[5-(2,5-dichlorophenyl)furan-2-yl]-N-(quinolin-5-yl)prop-2-enamide

**Molecular Weight** 367.44

**Purity** >98% by HPLC

**Targets** SIRT2

**Solubility** DMSO

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack