

## SIRT2 Inhibitor, AGK2

Cat. No. CEI-0651

Lot. No. (See product label)

### Introduction

#### Description

A potent inhibitor of sirtuin 2 (SIRT2) ( $IC_{50} = 3.5 \mu M$ ). AGK2 is >15-fold more selective for SIRT2 than SIRT1 and SIRT3. Inhibition of SIRT2 rescued  $\alpha$ -synuclein toxicity and modified inclusion morphology in a cellular model of Parkinson's disease.

### Product Information

<b>Appearance</b>	Yellow solid
<b>CAS No.</b>	304896-28-4
<b>Molecular Formula</b>	$C_{23}H_{13}Cl_2N_3O_2$
<b>Chemical Name</b>	AGK2, (2E)-2-cyano-3-[5-(2,5-dichlorophenyl)furan-2-yl]-N-(quinolin-5-yl)prop-2-enamide
<b>Molecular Weight</b>	367.44
<b>Purity</b>	>98% by HPLC
<b>Targets</b>	SIRT2
<b>Solubility</b>	DMSO

### Storage and Shipping Information

<b>Storage</b>	-20 centigrade
<b>Shipping Conditions</b>	Gel pack