

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 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 $C_{23}H_{13}Cl_2N_3O_2$

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