

SIRT1 Inhibitor, EX-527

Cat. No. CEI-0647

Lot. No. (See product label)

Introduction

Description A potent SIRT1 inhibitor ($IC_{50} = 38 \text{ nM}$). EX-527 is 200-500-fold more selective for SIRT1 than for SIRT2 or SIRT3. Does not inhibit SIRT4-7, does not inhibit class I/II HDAC activity at concentrations up to $100 \mu\text{M}$. Enhances p53 acetylation in response to DNA damaging agents.

Product Information

Appearance Off-white solid

CAS No. 49843-98-3

Molecular Formula $C_{13}H_{13}ClN_2O$

Chemical Name EX-527, 6-Chloro-2,3,4,9-tetrahydro-1H-carbazole-1-carboxamide

Molecular Weight 205.22

Purity >97% by HPLC

Targets SIRT1

Solubility DMSO (>10 mg/ml) or H_2O (>10 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack