

Product Name: SRT1720 HCl

Cat. No.: BIAOS-2505-CXX-41

Package: 5 mg/25 mg

Description

SRT1720 is a Sirtuin1 (SIRT1) activator that reduces glucose levels and hyperinsulinemia in obesity models. It inhibits vascular inflammation from angiotensin II-induced atherosclerosis, and reverses abnormal mitochondrial function in neurons exposed to 20-HETE.

Product Details

Formal Name: N-[2-[3-(Piperazin-1-ylmethyl)imidazo[2, 1-b][1, 3]thiazol-6-yl]phenyl]quinoxaline-2-carboxamide, hydrochloride

Synonyms: SIRT 1933

Purity: >98%

CAS Number: 1001645-58-4

Formula: C₂₅H₂₃N₇O₂·HCl

Molecular Weight: 506

Appearance: Powder

Solubility: Dissolves in DMSO (up to at least 25 mg/mL)

Stability: ≥ 1 year

Application Procedures: First, dissolve in DMSO (up to at least 25 mg/mL), and then dilute it into an aqueous buffer. Solutions in DMSO can be stored at -20°C for up to 3 months.

Storage Information: -20°C

Application

SIRT1 activator

 For preclinical research and development use only; not intended for therapeutic or other applications.