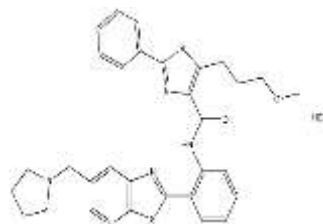


SRT-3025 hydrochloride

ALTERNATE NAME: 5-(3-methoxypropyl)-2-phenyl-N-(2-(6-(pyrrolidin-1-ylmethyl)thiazolo[5,4-b]pyridin-2-yl)phenyl)thiazole-4-carboxamide hydrochloride
SRT3025 HCl

CATALOG #: B2376-5 5 mg
B2376-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₁ H₃₂ ClN₅ O₂ S₂

MOLECULAR WEIGHT: 606.2

CAS NUMBER: 2070015-26-6

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: >50 mg/ml DMSO

DESCRIPTION: SRT-3025 is a potent and selective Sirt1 activator. It inhibits RANKL-induced osteoclast differentiation, fusion and resorptive capacity without affecting osteoclast survival. SRT-3025 inhibits RANKL-induced osteoclastogenesis in bone marrow-derived macrophages (BMMs) by activating AMPK and deacetylating RelA/p65 lysine 310, critical for activation of the NF-κB signaling pathway.

REFERENCES:

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

SirtAct (2741)
Piceatannol (2072)
Resveratrol (1758)
SIRT1720 (2772)
BML-278 (2379)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*