

Product Name : SRT 3025

Synonyms : SRT3025

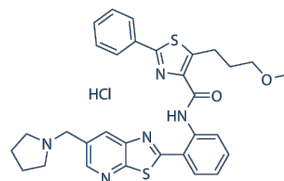
Cat No. : M13223

CAS Number : 2070015-26-6

Molecular Formula : C₃₁H₃₂ClN₅O₂S₂

Formula Weight : 606.20

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



Description : SRT3025 is a potent, orally active SIRT1 activator that activates wild-type Sirt1 protein, but not the Sirt1 mutant E230K; increases deacetylation of hepatic p65 and skeletal muscle Foxo1 and decreases plasma levels of LDL-cholesterol and total cholesterol and reduced atherosclerosis in vivo. Diabetes Phase 1 Clinical

Pathway : Chromatin/Epigenetic

Target : Sirtuin

Receptor : Sirtuin

Solubility : DMSO : ≥ 32 mg/mL 52.79 mM

SMILES : COCCCC1=C(N=C(S1)C2=CC=CC=C2)C(=O)NC3=CC=CC=C3C4=NC5=C(S4)N=CC(=C5)CN6CCCC6.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Miranda MX, et al. Eur Heart J. 2015 Jan 1;36(1):51-9. | 2. Chini CC, et al. Clin Cancer Res. 2016 May 15;22(10):2496-507. | 3. Artsi H, et al. Endocrinology. 2014 Sep;155(9):3508-15. L7948:M+M7950