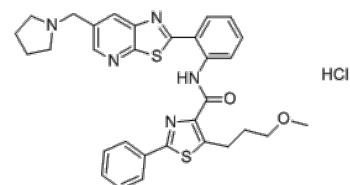


Product Name : SRT3025
Cat. No. : PC-63006
CAS No. : 2070015-26-6
Molecular Formula : C₃₁H₃₂ClN₅O₂S₂
Molecular Weight : 606.2
Target : Sirtuin
Solubility : 10 mM in DMSO



Biological Activity

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

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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