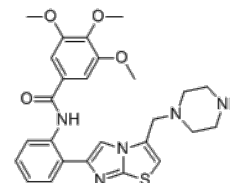


**Product Name** : SRT1460  
**Cat. No.** : PC-63004  
**CAS No.** : 925432-73-1  
**Molecular Formula** : C<sub>26</sub>H<sub>29</sub>N<sub>5</sub>O<sub>4</sub>S  
**Molecular Weight** : 507.609  
**Target** : Sirtuin  
**Solubility** : 10 mM in DMSO



## Biological Activity

SRT1460 is a potent, selective **SIRT1** activator with EC<sub>1.5</sub> of 2.9 μM, displays good selectivity for activation of SIRT1 versus SIRT2 and SIRT3 (EC<sub>1.5</sub>>300 μM) and is more potent than Resveratrol.

SRT1460 improves insulin sensitivity, lowers plasma glucose, and increases mitochondrial capacity in obese mice model.

## References

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- Pacholec M, et al. *J Biol Chem*. 2010 Mar 12;285(11):8340-51.
- Hubbard BP, et al. *Science*. 2013 Mar 8;339(6124):1216-9.
- Chini CC, et al. *Clin Cancer Res*. 2016 May 15;22(10):2496-507.

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

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