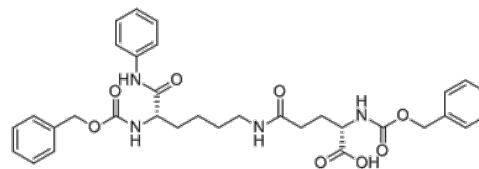


**Product Name** : MC3482  
**Cat. No.** : PC-63242  
**CAS No.** : 2922280-86-0  
**Molecular Formula** : C<sub>33</sub>H<sub>38</sub>N<sub>4</sub>O<sub>8</sub>  
**Molecular Weight** : 618.687  
**Target** : Sirtuin  
**Solubility** : 10 mM in DMSO



## Biological Activity

MC3482 is a potent, specific **SIRT5** inhibitor, increases the ammonia content in cells leading to autophagy and mitophagy, shows selective SIRT5 inhibition vs SIRT1-3.

## References

Polletta L, et al. *Autophagy*. 2015;11(2):253-70.

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

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