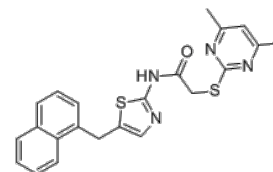


Product Name : SirReal2
Cat. No. : PC-60123
CAS No. : 709002-46-0
Molecular Formula : C₂₂H₂₀N₄OS₂
Molecular Weight : 420.549
Target : Sirtuin
Solubility : 10 mM in DMSO



Biological Activity

SirReal2 (MZ25) is a novel potent, selective **Sirtuin 2 (Sirt2)** inhibitor with IC₅₀ of 0.435 μM.

SirReal2 displays >1,000-fold more potently than Sirt1, Sirt3, Sirt4, Sirt5 and Sirt6.

SirReal2 increases α-tubulin acetylation in HeLa cells, significantly results in a dose-dependent depletion of BubR1.

References

Rumpf T, et al. **Nat Commun.** 2015 Feb 12;6:6263.

Schiedel M, et al. **Angew Chem Int Ed Engl.** 2016 Feb 5;55(6):2252-6.

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

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