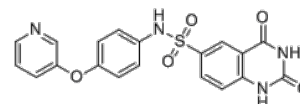


Product Name : SIRT6 inhibitor S6
Cat. No. : PC-21890
CAS No. : 1214468-35-5
Molecular Formula : C₁₉H₁₄N₄O₅S
Molecular Weight : 410.40
Target : Sirtuin
Solubility : 10 mM in DMSO



CAS: 1214468-35-5

Biological Activity

SIRT6 inhibitor S6 (SIRT6-IN-1) is a selective **SIRT6** inhibitor with IC₅₀ of 106 uM, 114 uM and 314 uM for SIRT6, SIRT2 and SIRT1 respectively.

SIRT6 inhibitor S6 increases acetylation at SIRT6 target lysines on histone 3, reduces TNF-α secretion, GLUT-1 upregulation, and increases glucose uptake.

References

Elena Abbotto, et al. *Biomed Pharmacother.* 2023 Oct;166:115326.

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

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