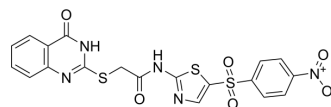


## SIRT4-IN-1

Cat. No.:	HY-163316
Molecular Formula:	C <sub>19</sub> H <sub>13</sub> N <sub>5</sub> O <sub>6</sub> S <sub>3</sub>
Molecular Weight:	504
Target:	Sirtuin
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

SIRT4-IN-1 (compound 69) is selective sirtuin 4 (Sirt4) inhibitor with an IC<sub>50</sub> of 16 μM. SIRT4-IN-1 shows no relevant effects on other sirtuin isoforms<sup>[1]</sup>.

### REFERENCES

[1]. Martin Pannek, et al. Specific Inhibitors of Mitochondrial Deacetylase Sirtuin 4 Endowed with Cellular Activity. *J Med Chem.* 2024 Feb 8;67(3):1843-1860.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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