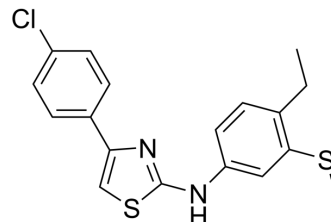


## HSP70/SIRT2-IN-1

Cat. No.:	HY-149637
Molecular Formula:	C <sub>18</sub> H <sub>17</sub> ClN <sub>2</sub> S <sub>2</sub>
Molecular Weight:	360.92
Target:	Sirtuin; HSP
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	HSP70/SIRT2-IN-1 (Compounds 2a) is a dual inhibitor for SIRT2 and HSP70, with IC <sub>50</sub> of 17.3±2.0 μM for SIRT2. HSP70/SIRT2-IN-1 has antitumor activity <sup>[1]</sup> .	
IC <sub>50</sub> & Target	SIRT2 17.3±2.0 μM (IC <sub>50</sub> )	HSP70

### REFERENCES

[1]. Elena Abbotto, et al. Novel Thiazole-Based SIRT2 Inhibitors Discovered via Molecular Modelling Studies and Enzymatic Assays. *Pharmaceuticals (Basel)*. 2023 Sep 18;16(9):1316.

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

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