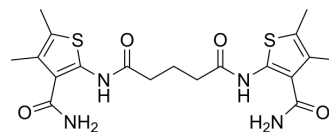


## FKBP51-Hsp90-IN-1

Cat. No.:	HY-158130
CAS No.:	433313-64-5
Molecular Formula:	C <sub>19</sub> H <sub>24</sub> N <sub>4</sub> O <sub>4</sub> S <sub>2</sub>
Molecular Weight:	436.55
Target:	FKBP; HSP
Pathway:	Apoptosis; Autophagy; Immunology/Inflammation; Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	FKBP51-Hsp90-IN-1 (Compound D10) is a selective inhibitor of the FKBP51-Hsp90 protein-protein interaction, with an IC <sub>50</sub> value of 0.1 μM against FKBP51. FKBP51-Hsp90-IN-1 can be used in the research of stress-related diseases, Alzheimer's disease, and metabolic disorders <sup>[1]</sup> .
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<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> 0.1 μM (FKBP51) <sup>[1]</sup> .
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### REFERENCES

[1]. Wang L, et al. Structure-based discovery of small molecule inhibitors of FKBP51-Hsp90 protein-protein interaction. *Eur J Med Chem.* 2024;270:116356.

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

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