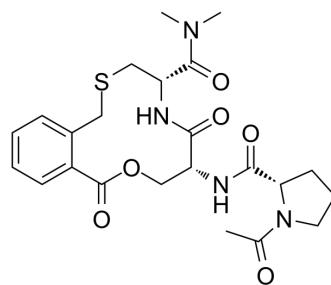


## Keap1-Nrf2-IN-5

Cat. No.:	HY-143892
CAS No.:	2696272-70-3
Molecular Formula:	C <sub>23</sub> H <sub>30</sub> N <sub>4</sub> O <sub>6</sub> S
Molecular Weight:	490.57
Target:	Keap1-Nrf2
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Keap1-Nrf2-IN-5 (compound 1) is a potent Keap1-Nrf2 PPI (Keap1-Nrf2 protein-protein interaction) inhibitor with an IC <sub>50</sub> of 4.1 μM, K <sub>d</sub> of 3.7 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 4.1 μM (Keap1-Nrf2); K <sub>d</sub> : 3.7 μM <sup>[1]</sup>

### REFERENCES

[1]. Begnini F, et al. Importance of Binding Site Hydration and Flexibility Revealed When Optimizing a Macrocyclic Inhibitor of the Keap1-Nrf2 Protein-Protein Interaction. *J Med Chem.* 2022 Feb 24;65(4):3473-3517.

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

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