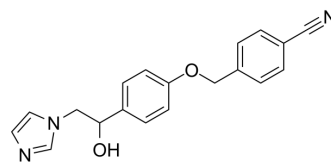


## Heme Oxygenase-2-IN-1

<b>Cat. No.:</b>	HY-147817
<b>CAS No.:</b>	2994198-37-5
<b>Molecular Formula:</b>	C <sub>19</sub> H <sub>17</sub> N <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	319.36
<b>Target:</b>	Reactive Oxygen Species
<b>Pathway:</b>	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Heme Oxygenase-2-IN-1 (Compound 9) is a potent, selective heme oxygenase-2 (HO-2) inhibitor with IC <sub>50</sub> values of 0.9 μM and 14.9 μM against HO-2 and HO-1, respectively <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 0.9 μM (HO-2), 14.9 μM (HO-1) <sup>[1]</sup>

### REFERENCES

[1]. Floresta G, et al. Identification of a potent heme oxygenase-2 (HO-2) inhibitor by targeting the secondary hydrophobic pocket of the HO-2 western region. *Bioorg Chem.* 2020 Nov;104:104310.

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

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