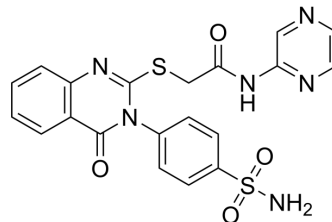


## NF-κB/PON1-IN-1

Cat. No.:	HY-146058
CAS No.:	2419107-97-2
Molecular Formula:	C <sub>20</sub> H <sub>16</sub> N <sub>6</sub> O <sub>4</sub> S <sub>2</sub>
Molecular Weight:	468.51
Target:	NF-κB; Reactive Oxygen Species
Pathway:	NF-κB; Immunology/Inflammation; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	NF-κB/PON1-IN-1 (Compound 16) is a NF-κB/PON1 pathway inhibitor. NF-κB/PON1-IN-1 has antioxidant (IC <sub>50</sub> = 45.76 μM) and hepatoprotective activities <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 45.76 μM (antioxidant activity) <sup>[1]</sup>

### REFERENCES

[1]. Soliman AM, et al. Antioxidant activity of novel quinazolinones bearing sulfonamide: Potential radiomodulatory effects on liver tissues via NF-κB/ PON1 pathway. Eur J Med Chem. 2020 Jul 1;197:112333.

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

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