## Tyrosinase-IN-1

MedChemExpress

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Cat. No.:	HY-143448		
CAS No.:	1164200-43-4		
Molecular Formula:	C <sub>10</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub> S <sub>2</sub>	ОН	
Molecular Weight:	267.33	S. N.	
Target:	Tyrosinase	s ⇒ T	
Pathway:	Metabolic Enzyme/Protease	HN-N	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.		

BIOLOGICAL ACTIV	
Description	Tyrosinase-IN-1 (compound 90) is a potent inhibitor of tyrosinase. Tyrosinase is a copper-containing metalloenzyme that is responsible for the rate-limiting catalytic step in the melanin biosynthesis and enzymatic browning. Tyrosinase-IN-1 has the potential for the research of skin whitening agents and food preservatives <sup>[1]</sup> .

## REFERENCES

[1]. Li J, et al. Recent advances in the design and discovery of synthetic tyrosinase inhibitors. Eur J Med Chem. 2021;224:113744.

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

Product Data Sheet