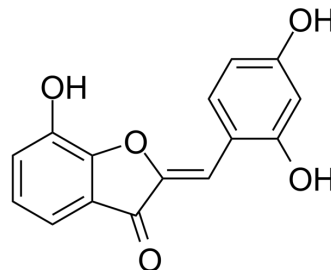


## Tyrosinase-IN-7

Cat. No.:	HY-151977
CAS No.:	2873418-52-9
Molecular Formula:	C <sub>15</sub> H <sub>10</sub> O <sub>5</sub>
Molecular Weight:	270.24
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Tyrosinase-IN-7 is a potent tyrosinase inhibitor with an IC <sub>50</sub> value of 1.57 μM. Tyrosinase-IN-7 inhibits cell growth with low cytotoxicity <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 1.57 μM (Tyrosinase) <sup>[1]</sup>
In Vitro	Tyrosinase-IN-7 (compound 10) shows cytotoxicity with an IC <sub>50</sub> value of 32 μM, an CC <sub>50</sub> value of 108 μM in MNT-1 whole cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Roulier B, et al. Resorcinol-based hemiindigoid derivatives as human tyrosinase inhibitors and melanogenesis suppressors in human melanoma cells. Eur J Med Chem. 2022 Nov 28;246:114972.

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

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