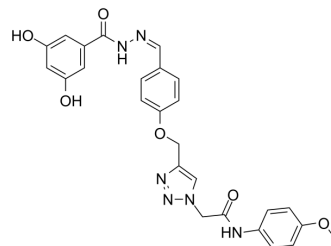


## Tyrosinase-IN-23

Cat. No.:	HY-161241
Molecular Formula:	C <sub>26</sub> H <sub>24</sub> N <sub>6</sub> O <sub>6</sub>
Molecular Weight:	516.51
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-23 (Compd 11m) is a tyrosinase inhibitor with an IC<sub>50</sub> of 55.39±4.93 μM. Tyrosinase-IN-23 can be used for research of melanin biosynthesis<sup>[1]</sup>.

### REFERENCES

[1]. Bagheri A, et al. Structure-based development of 3,5-dihydroxybenzoyl-hydrazineylidene as tyrosinase inhibitor; in vitro and in silico study. Sci Rep. 2024 Jan 17;14(1):1540.

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

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