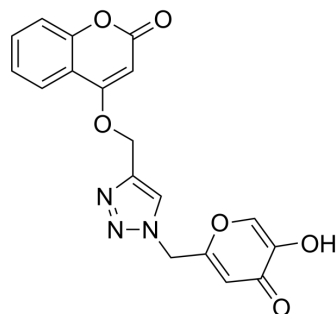


## Tyrosinase-IN-5

Cat. No.:	HY-143459
CAS No.:	2525175-90-8
Molecular Formula:	C <sub>18</sub> H <sub>13</sub> N <sub>3</sub> O <sub>6</sub>
Molecular Weight:	367.31
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-5 (compound 16c) is a potent inhibitor of tyrosinase with an IC<sub>50</sub> of 0.02 μM. Tyrosinase-IN-5 efficiently suppresses the melanogenesis without significant toxicity on cells<sup>[1]</sup>.

### REFERENCES

[1]. Ashooriha M, et al. Kojic acid-natural product conjugates as mushroom tyrosinase inhibitors. *Eur J Med Chem.* 2020;201:112480.

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

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