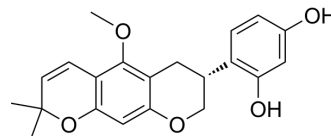


## Neorauflavane

Cat. No.:	HY-N3200
CAS No.:	53734-74-0
Molecular Formula:	C <sub>21</sub> H <sub>22</sub> O <sub>5</sub>
Molecular Weight:	354.4
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Neorauflavane is a potent tyrosinase inhibitor derived from *Campylotropis hirtella*, with an IC<sub>50</sub> value of 30 nM for tyrosinase monophenolase activity and an IC<sub>50</sub> value of 500 nM for diphenolase activity. Neorauflavane can effectively reduce the melanin content of B16 melanoma cells<sup>[1]</sup>.

### REFERENCES

[1]. Xuefei Tan, et al. Highly potent tyrosinase inhibitor, neorauflavane from *Campylotropis hirtella* and inhibitory mechanism with molecular docking. *Bioorg Med Chem.* 2016 Jan 15;24(2):153-9.

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

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