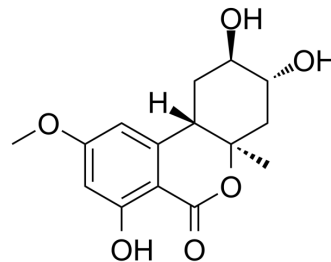


Dihydroaltenuene B

Cat. No.:	HY-N10219
CAS No.:	887751-89-5
Molecular Formula:	C ₁₅ H ₁₈ O ₆
Molecular Weight:	294.3
Target:	Tyrosinase; Fungal
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dihydroaltenuene B is a potent mushroom tyrosinase inhibitor with an IC ₅₀ of 38.33 μM. Dihydroaltenuene B shows the hydrogen bonding interactions between the 3-OH and 4'-OH and the His244, Met280 and Gly281 residues of tyrosinase ^[1] .
IC ₅₀ & Target	IC ₅₀ : 38.33 μM (Mushroom Tyrosinase) ^[1]

REFERENCES

[1]. Zhai YJ, et al. Structures and absolute configurations of butenolide derivatives from the isopod-associated fungus *Pidoplitchkoviella terricola*. *Phytochemistry*. 2022; 193:112981.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA