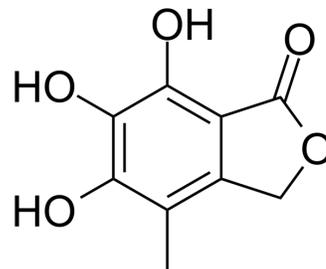


## Epicoccone B

Cat. No.:	HY-N10294
CAS No.:	1067224-41-2
Molecular Formula:	C <sub>9</sub> H <sub>8</sub> O <sub>5</sub>
Molecular Weight:	196.16
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Epicoccone B, firstly reported from *C. globosum*, exhibits the DPPH free radical scavenging ability with IC<sub>50</sub> value of 10.8 μM, and has potent α-glucosidase inhibition with IC<sub>50</sub> value of 27.3 μM. Anti-HIV activity<sup>[1][2]</sup>.

### REFERENCES

[1]. "Li H, et al. Polyketides from two Chaetomium species and their biological functions. *J Antibiot (Tokyo)*. 2018;71(7):677-681. "

[2]. "Hu HQ, et al. Anti-HIV Compounds from the Deep-Sea-Derived Fungus Chaetomium globosum. *Chem Biodivers*. 2022;19(1):e202100804. "

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

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