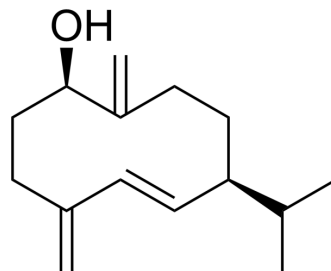


## 1 $\beta$ -Hydroxy-4(15),5E,10(14)-germacatriene

Cat. No.:	HY-N1870
CAS No.:	81968-62-9
Molecular Formula:	C <sub>15</sub> H <sub>24</sub> O
Molecular Weight:	220.35
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

1 $\beta$ -Hydroxy-4(15),5E,10(14)-germacatriene (compound 17) is a sesquiterpenoids that can be isolated from *Chrysanthemum indicum*. 1 $\beta$ -Hydroxy-4(15),5E,10(14)-germacatriene significantly reduces PEDV nucleocapsid and spike protein synthesis. 1 $\beta$ -Hydroxy-4(15),5E,10(14)-germacatriene shows various biological properties, such as antibacterial, antioxidant, and anti-inflammatory<sup>[1]</sup>.

### REFERENCES

[1]. Liu LL, et al. Sesquiterpenoids with Various Carbocyclic Skeletons from the Flowers of *Chrysanthemum indicum*. *J Nat Prod*. 2017 Feb;80(2):298-307.

**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