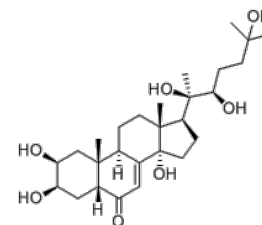


**Product Name** : BIO101  
**Cat. No.** : PC-22028  
**CAS No.** : 5289-74-7  
**Molecular Formula** : C<sub>27</sub>H<sub>44</sub>O<sub>7</sub>  
**Molecular Weight** : 480.64  
**Target** : Angiotensin Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

BIO101 (20-hydroxyecdysone, Crustecdysone) is a small molecule agonist of Mas receptor (MasR), has anti-inflammatory, anti-fibrotic and cardioprotective properties, shows potential treatment for respiratory failure in COVID-19.

## References

Serova M, et al. J Cachexia Sarcopenia Muscle. 2024 Feb;15(1):55-66.

Latil M, et al. Drug Discov Today. 2021 May;26(5):1311-1318.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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