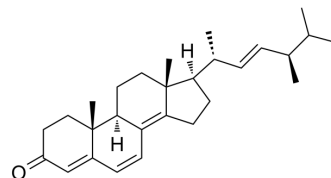


## Ergosta-4,6,8(14),22-tetraen-3-one

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-N3842  |
| CAS No.:           | 19254-69-4  |
| Molecular Formula: | C <sub>28</sub> H <sub>40</sub> O   |
| Molecular Weight:  | 392.62  |
| Target:            | Others  |
| Pathway:           | Others  |
| Storage:           | <div>Powder -20°C 3 years</div> <div>In solvent -80°C 6 months</div> <div>-20°C 1 month</div> |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 20 mg/mL (50.94 mM; Need ultrasonic and warming)

|                              | Solvent<br>Concentration | Mass | 1 mg      | 5 mg       | 10 mg      |
|------------------------------|--------------------------|------|-----------|------------|------------|
|                              |                          |      |           |            |            |
| Preparing<br>Stock Solutions | 1 mM                     |      | 2.5470 mL | 12.7350 mL | 25.4699 mL |
|                              | 5 mM                     |      | 0.5094 mL | 2.5470 mL  | 5.0940 mL  |
|                              | 10 mM                    |      | 0.2547 mL | 1.2735 mL  | 2.5470 mL  |

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Ergosta-4,6,8(14),22-tetraen-3-one (compound 2) is a ergosteroid is isolated from the fruiting bodies of ganoderma applanatum<sup>[1]</sup>.

### REFERENCES

[1]. Gan KH, et al. Steroidal constituents of ganoderma applanatum and ganodermaneojaponicum. J Nat Prod. 1998 Nov;61(11):1421-2.

**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