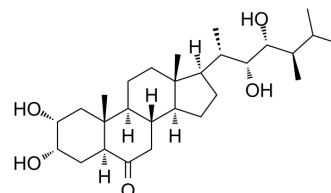


## 24-Epicastasterone

Cat. No.:	HY-N10455
CAS No.:	72050-71-6
Molecular Formula:	C <sub>28</sub> H <sub>48</sub> O <sub>5</sub>
Molecular Weight:	464.68
Target:	Others
Pathway:	Others
Storage:	<div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



### SOLVENT & SOLUBILITY

#### In Vitro

THF : 10 mg/mL (21.52 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.1520 mL	10.7601 mL	21.5202 mL
	5 mM		0.4304 mL	2.1520 mL	4.3040 mL
	10 mM		0.2152 mL	1.0760 mL	2.1520 mL

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

### BIOLOGICAL ACTIVITY

#### Description

24-Epicastasterone (24-epi-Castasterone), a brassinosteroid, is a nature product that could be isolated from *Hydrodictyon reticulatum*<sup>[1]</sup>.

### REFERENCES

[1]. Yokota T, et, al. Brassinosteroids and sterols from a green alga, *Hydrodictyon reticulatum*: Configuration at C-24. *Phytochemistry*. 1987 Jan 28;26(2):503-6.

**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