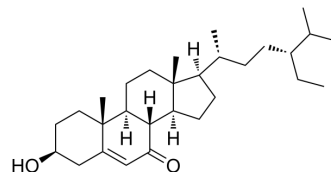


## 7-Ketositosterol

Cat. No.:	HY-N2757
CAS No.:	2034-74-4
Molecular Formula:	C <sub>29</sub> H <sub>48</sub> O <sub>2</sub>
Molecular Weight:	428.69
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

7-Ketositosterol is a phytosterol isolated from the fruits of the mulberry tree (*Morus alba* L.). 7-Ketositosterol can significantly inhibit Cisplatin (HY-17394)-induced apoptosis in LLC-PK1 cells and has the potential to improve Cisplatin-induced nephrotoxicity<sup>[1]</sup>.

### REFERENCES

[1]. Lee D, et al. Identification of Renoprotective Phytosterols from Mulberry (*Morus alba*) Fruit against Cisplatin-Induced Cytotoxicity in LLC-PK1 Kidney Cells. *Plants* (Basel). 2021 Nov 17;10(11):2481.

**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