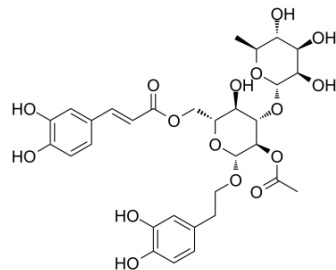


## Tubuloside B

Cat. No.:	HY-N7637
CAS No.:	112516-04-8
Molecular Formula:	C <sub>31</sub> H <sub>38</sub> O <sub>16</sub>
Molecular Weight:	666.62
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Tubuloside B, one of the phenylethanoids isolated from the stems of <i>Cistanche salsa</i> , inhibits TNF $\alpha$ -induced apoptosis. Tubuloside B possesses antioxidative effects <sup>[1][2]</sup> .
In Vitro	Pretreatment with tubuloside B (1, 10, or 100 mg/L) for 2 h attenuates the TNF $\alpha$ -mediated apoptosis <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Min Deng, et al. Protective effect of tubuloside B on TNF $\alpha$ -induced apoptosis in neuronal cells. *Acta Pharmacol Sin.* 2004 Oct;25(10):1276-84.
- [2]. Q Xiong, et al. Antioxidative effects of phenylethanoids from *Cistanche deserticola*. *Biol Pharm Bull.* 1996 Dec;19(12):1580-5.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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