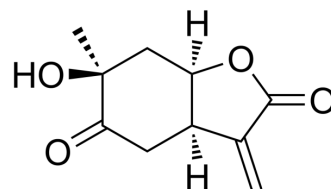


Paeonilactone B

Cat. No.:	HY-N3117
CAS No.:	98751-78-1
Molecular Formula:	C ₁₀ H ₁₂ O ₄
Molecular Weight:	196.2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Paeonilactone B is a monoterpene with neuroprotective effect against oxidative stress. Paeonilactone B protects rat cortical cells against H ₂ O ₂ -induced neurotoxicity ^[1] .
In Vitro	Paeonilactone B (0.1-10 μM; 1 h) inhibits H ₂ O ₂ -induced (50 μM; 24 h) neurotoxicity in primary cultures of rat cortical cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kim SH, et al. Chemical constituents isolated from Paeonia lactiflora roots and their neuroprotective activity against oxidative stress in vitro. J Enzyme Inhib Med Chem. 2009 Oct;24(5):1138-40.

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

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