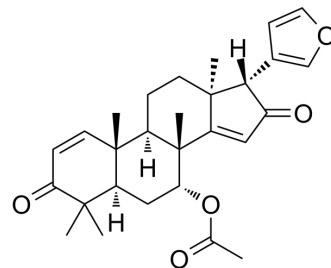


## Azadiradione

Cat. No.:	HY-N9615
CAS No.:	26241-51-0
Molecular Formula:	C <sub>28</sub> H <sub>34</sub> O <sub>5</sub>
Molecular Weight:	450.57
Target:	HSP
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Azadiradione is a bioactive limonoid found in *Azadirachta indica*. Azadiradione is a HSF1 activator. Azadiradione has antimycobacterial, anti-nociceptive and anti-inflammatory activities<sup>[1][2]</sup>.

### REFERENCES

[1]. K Ilango, et al. Anti-nociceptive and anti-inflammatory activities of *Azadirachta indica* fruit skin extract and its isolated constituent azadiradione. *Nat Prod Res.* 2013;27(16):1463-7.

[2]. Brijesh Kumar Singh, et al. Azadiradione Restores Protein Quality Control and Ameliorates the Disease Pathogenesis in a Mouse Model of Huntington's Disease. *Mol Neurobiol.* 2018 Aug;55(8):6337-6346.

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

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