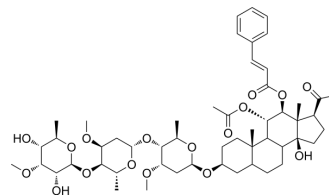


## Condurango glycoside A

Cat. No.:	HY-N12233
CAS No.:	11051-90-4
Molecular Formula:	C <sub>53</sub> H <sub>78</sub> O <sub>17</sub>
Molecular Weight:	987.18
Target:	Apoptosis; MDM-2/p53; Reactive Oxygen Species
Pathway:	Apoptosis; Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Condurango glycoside A is an activator of p53. Condurango glycoside A initiates ROS generation and up-regulates p53 expression. Condurango glycoside A induces apoptosis and pre-mature senescence associated with DNA damage in HeLa cells<sup>[1]</sup>.

### REFERENCES

[1]. Bishayee K, et al. Condurango-glycoside-A fraction of *Gonolobus condurango* induces DNA damage associated senescence and apoptosis via ROS-dependent p53 signalling pathway in HeLa cells. *Mol Cell Biochem.* 2013 Oct;382(1-2):173-83.

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

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