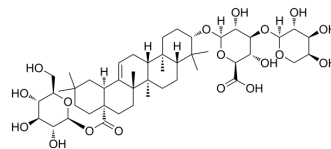


## Momordin II

Cat. No.:	HY-113767
CAS No.:	95851-41-5
Molecular Formula:	C <sub>47</sub> H <sub>74</sub> O <sub>18</sub>
Molecular Weight:	927.08
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Momordin II, an oleanane-type triterpene glycoside, is a ribosome inactivating protein. Momordin II inhibits cell-free protein synthesis, releases adenine from rat liver ribosomes and from DNA, and has no RNase activity<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. M Ortigao, et al. Momordin II, a ribosome inactivating protein from *Momordica balsamina*, is homologous to other plant proteins. *Nucleic Acids Res*
- [2]. P Valbonesi, et al. Preparation of highly purified momordin II without ribonuclease activity. *Life Sci.* 1999;65(14):1485-91.
- [3]. Hung-Tse Huang, et al. Anti-Inflammatory and anti-proliferative oleanane-type triterpene glycosides from the vine of *Momordica cochinchinensis*. *Nat Prod Res.* 2021 Aug;35(16):2707-2714.

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

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