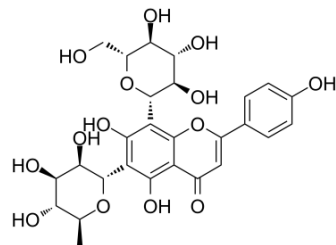


## Isoviolanthin

Cat. No.:	HY-N6896
CAS No.:	40788-84-9
Molecular Formula:	C <sub>27</sub> H <sub>30</sub> O <sub>14</sub>
Molecular Weight:	578.52
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

Isoviolanthin is a flavonoid glycoside extracted from the leaves of *Dendrobium officinale*. Isoviolanthin reduces the migratory and invasive capacities of TGF- $\beta$ 1-treated HCC cells but exhibits no cytotoxic effects on normal live cells, and has potential as a therapeutic agent for the treatment of advanced-stage metastatic HCC<sup>[1]</sup>.

### REFERENCES

[1]. Xing S, et al. Isoviolanthin Extracted from *Dendrobium officinale* Reverses TGF- $\beta$ 1-Mediated Epithelial-Mesenchymal Transition in Hepatocellular Carcinoma Cells via Deactivating the TGF- $\beta$ /Smad and PI3K/Akt/mTOR Signaling Pathways. *Int J Mol Sci.* 2018 May 23;19(6).

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA