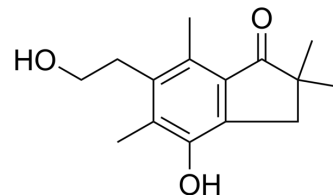


## Onitin

Cat. No.:	HY-N3136
CAS No.:	53823-02-2
Molecular Formula:	C <sub>15</sub> H <sub>20</sub> O <sub>3</sub>
Molecular Weight:	248.32
Target:	Histamine Receptor
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

Onitin is a natural product, that can be isolated from *Onychium siliculosum*. Onitin is also a non-competitive antagonist of histamine. Onitin shows activity in blocking the peristaltic reflex of the guinea-pig ileum, in inhibition of the responses of guinea-pig ileum to histamine and of inhibition of the responses of guinea-pig tracheal muscle to histamine<sup>[1]</sup>.

## REFERENCES

[1]. Wu T S, et al. Flavanone and other constituents from *Onychium siliculosum*. *Phytochemistry*, 1981, 20(3):527-529.

**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