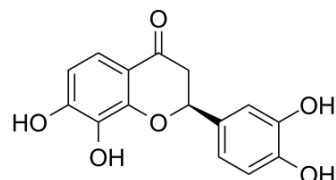


## Isookanin

Cat. No.:	HY-N7677
CAS No.:	1036-49-3
Molecular Formula:	C <sub>15</sub> H <sub>12</sub> O <sub>6</sub>
Molecular Weight:	288.25
Target:	HSV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Isookanin, isolated from the leaves of <i>Clinacanthus nutans</i> , can be used for the research of various illnesses including cancers, skin rashes, snake and insects bites, diabetes mellitus, diarrhoea. Isookanin acts as an anti-viral agent against HSV and varicella-zoster virus (VZV). Antioxidant activity <sup>[1][2]</sup> .
<b>In Vitro</b>	Isookanin exhibits excellent DPPH scavenging activities with the EC <sub>50</sub> of 10.6 μM <sup>[2]</sup> . Isookanin shows comparable cellular antioxidant activity with the IC <sub>50</sub> of 14.4 μM <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Abdullahi Aliyu, et al. Subacute Oral Administration of *Clinacanthus nutans* Ethanolic Leaf Extract Induced Liver and Kidney Toxicities in ICR Mice. *Molecules*. 2020 Jun 5;25(11):2631.
- [2]. Zhiyuan Ma, et al. The bioactive components of *Coreopsis tinctoria* (Asteraceae) capitula: Antioxidant activity in vitro and profile in rat plasma.

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

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