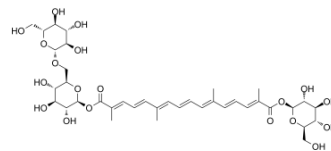


## Crocin II

Cat. No.:	HY-N0698
CAS No.:	55750-84-0
Molecular Formula:	C <sub>38</sub> H <sub>54</sub> O <sub>19</sub>
Molecular Weight:	814.82
Target:	NO Synthase; COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

Crocin II is isolated from the fruit of *Gardenia jasminoides* with antioxidant, anticancer, and antidepressant activity. Crocin II inhibits NO production with an IC<sub>50</sub> value of 31.1 μM. Crocin II suppresses the expressions of protein and m-RNA of iNOS and COX-2<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

IC<sub>50</sub>: 31.3 μM (NO production)<sup>[1]</sup>

### REFERENCES

[1]. Hong YJ, et al. Anti-inflammatory activities of crocetin derivatives from processed *Gardenia jasminoides*. *Arch Pharm Res.* 2013 Aug;36(8):933-40.

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

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