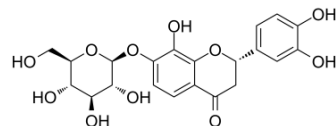


## Flavanomarein

Cat. No.:	HY-N7675
CAS No.:	577-38-8
Molecular Formula:	C <sub>21</sub> H <sub>22</sub> O <sub>11</sub>
Molecular Weight:	450.39
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Flavanomarein is a predominant flavonoid of *Coreopsis tinctoria* Nutt with protective effects against diabetic nephropathy. Flavanomarein has good antioxidative, antidiabetic, antihypertensive and anti-hyperlipidemic activities<sup>[1][2]</sup>.

### REFERENCES

[1]. Nan-Nan Zhang, et al. Flavanomarein inhibits high glucose-stimulated epithelial-mesenchymal transition in HK-2 cells via targeting spleen tyrosine kinase. *Sci Rep.* 2020 Jan 16;10(1):439.

[2]. Liang Le, et al. The protective effects of the native flavanone flavanomarein on neuronal cells damaged by 6-OHDA. *Phytomedicine.* 2019 Feb;53:193-204.

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

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