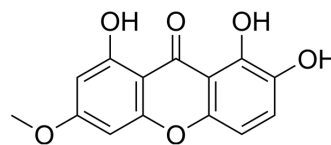


## Swertianine

Cat. No.:	HY-N1994
CAS No.:	20882-75-1
Molecular Formula:	C <sub>14</sub> H <sub>10</sub> O <sub>6</sub>
Molecular Weight:	274.23
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Swertianine is a hydroxyxanthone that can be isolated from *Swertia decussata*. Swertianine has antioxidant activity by inhibiting lipid peroxidation, scavenging DPPH and superoxide free radicals. Swertianine also inhibits  $\gamma$ -ray induced DNA damage of pBR322 with protective effect<sup>[1]</sup>.

### REFERENCES

[1]. Patro BS, et al. Antioxidant activities of *Swertia decussata* xanthones. *Nat Prod Res.* 2005 Jun;19(4):347-54.

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

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