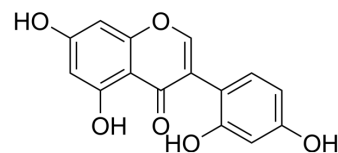


## 2'-Hydroxygenistein

Cat. No.:	HY-N1735
CAS No.:	1156-78-1
Molecular Formula:	C <sub>15</sub> H <sub>10</sub> O <sub>6</sub>
Molecular Weight:	286.24
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

2'-Hydroxygenistein is a natural product that can be isolated from *Crotalaria pallida* and *C. assamica*. 2'-Hydroxygenistein shows anti-inflammatory activity. 2'-Hydroxygenistein shows significant concentration-dependent inhibitory effects on the release of  $\beta$ -glucuronidase and lysozyme from rat neutrophils, with IC<sub>50</sub> values of  $5.9 \pm 1.4$  and  $9.7 \pm 3.5$   $\mu$ M, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Ko HH, Weng JR, Tsao LT, Yen MH, Wang JP, Lin CN. Anti-inflammatory flavonoids and pterocarpanoid from *Crotalaria pallida* and *C. assamica*. *Bioorg Med Chem Lett*. 2004 Feb 23;14(4):1011-4.

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

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