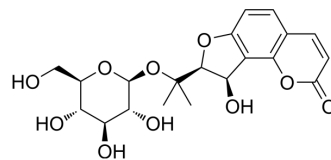


## Apterin

Cat. No.:	HY-130787
CAS No.:	53947-89-0
Molecular Formula:	C <sub>20</sub> H <sub>24</sub> O <sub>10</sub>
Molecular Weight:	424.4
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Apterin is a natural compound with anti-inflammatory activity. Apterin shows significantly inhibitory activity on NO production in RAW264.7 cells with an IC<sub>50</sub> value of 41.8 μM<sup>[1]</sup>.

### REFERENCES

[1]. Hai-Long Zhang, et al. A New Anti-Inflammatory Alkaloid from Roots of *Heracleum dissectum*. *Chem Biodivers*. 2017 Sep;14(9).

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

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