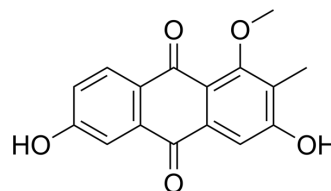


## Rubianthraquinone

Cat. No.:	HY-N1336
CAS No.:	644967-44-2
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> O <sub>5</sub>
Molecular Weight:	284.26
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Rubianthraquinone is an anthraquinone, that can be isolated from the roots of <i>Rubia yunnanensis</i> . Rubianthraquinone inhibits NO production and degranulation <sup>[1]</sup> .
In Vitro	Rubianthraquinone (0-100 μM) inhibits NO production and degranulation in RBL-2H3 cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Tao J, et al. Bioactive constituents from Chinese natural medicines. XI. inhibitors on NO production and degranulation in RBL-2H3 from *Rubia yunnanensis*: structures of rubianosides II, III, and IV, rubianol-g, and rubianthraquinone. *Chem Pharm Bull (Tokyo)*. 2003 Jun;51(6):654-62.

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

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