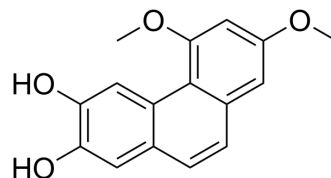


## 5,7-Dimethoxy-2,3-phenanthrenediol

Cat. No.:	HY-N11973
CAS No.:	42050-16-8
Molecular Formula:	C <sub>16</sub> H <sub>14</sub> O <sub>4</sub>
Molecular Weight:	270.28
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

5,7-Dimethoxy-2,3-phenanthrenediol is a compound with estrogenic activity. 5,7-Dimethoxy-2,3-phenanthrenediol increases the proliferation of MCF-7 cell and the expression of ER $\beta$  in the MCF-7 cell line<sup>[1]</sup>.

### REFERENCES

[1]. Zhang, Yan-Li; Zhao, Xuan; Zheng, Xiao-ke; Feng, Wei-Sheng (2019). A new diphenylethane and a new dibenz[b,f]oxepin with estrogenic activity from the stems and leaves of *Dioscorea oppositifolia* L. *Phytochemistry Letters*, 33(), 26–30.

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

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