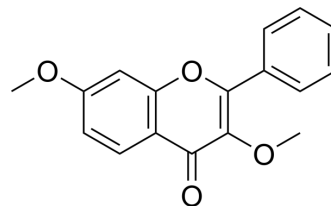


## 3,7-DMF

Cat. No.:	HY-155786
CAS No.:	20950-52-1
Molecular Formula:	C <sub>17</sub> H <sub>14</sub> O <sub>4</sub>
Molecular Weight:	282.29
Target:	TGF-beta/Smad
Pathway:	Stem Cell/Wnt; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

3,7-DMF is an orally active inhibitor of TGF- $\beta$ 1-induced activation of HSCs. 3,7-DMF induces antioxidant genes and quenches ROS away, which can be used to study liver fibrosis<sup>[1]</sup>.

### REFERENCES

[1]. Hyomin Park, et al. Discovery of 3,7-dimethoxyflavone that inhibits liver fibrosis based on dual mechanisms of antioxidant and inhibitor of activated hepatic stellate cell. *Free Radic Biol Med.*2023, 204.

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

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