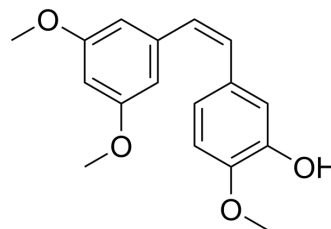


## cis-3,4',5-Trimethoxy-3'-hydroxystilbene

<b>Cat. No.:</b>	HY-118452
<b>CAS No.:</b>	586410-08-4
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>18</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	286.32
<b>Target:</b>	Microtubule/Tubulin; Apoptosis
<b>Pathway:</b>	Cell Cycle/DNA Damage; Cytoskeleton; Apoptosis
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	cis-3,4',5-Trimethoxy-3'-hydroxystilbene is a stilbene. cis-3,4',5-Trimethoxy-3'-hydroxystilbene induces cytochrome c release to the cytoplasm. cis-3,4',5-Trimethoxy-3'-hydroxystilbene-induced apoptosis is associated with mitochondrial release of cytochrome c. cis-3,4',5-Trimethoxy-3'-hydroxystilbene also suppresses tubulin polymerization. cis-3,4',5-Trimethoxy-3'-hydroxystilbene can be used for leukemic research <sup>[1]</sup> .
<b>In Vitro</b>	<p>cis-3,4',5-Trimethoxy-3'-hydroxystilbene (10-500 nM) <input type="checkbox"/> HL60 <input type="checkbox"/><sup>[1]</sup></p> <p>cis-3,4',5-Trimethoxy-3'-hydroxystilbene (10-500 nM) <input type="checkbox"/> HL60 <input type="checkbox"/><sup>[1]</sup></p> <p>cis-3,4',5-Trimethoxy-3'-hydroxystilbene (0-100 μM) <input type="checkbox"/><sup>[1]</sup></p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

### REFERENCES

[1]. Cao TM, et al. Stilbene derivatives that are colchicine-site microtubule inhibitors have antileukemic activity and minimal systemic toxicity. Am J Hematol. 2008 May;83(5):390-7.

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

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