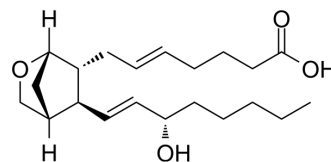


## 5-trans U-44069

Cat. No.:	HY-122178
CAS No.:	330796-57-1
Molecular Formula:	C <sub>21</sub> H <sub>34</sub> O <sub>4</sub>
Molecular Weight:	350.49
Target:	PGE synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	5-trans U-44069 is the trans isomer of the thromboxane receptor agonist U-44069 (HY-121825). 5-trans U-44069 inhibits prostaglandin E2 synthase activity <sup>[1]</sup> .
<b>In Vitro</b>	5-trans U-44069 (10 μM) inhibits prostaglandin E2 synthase activity (<20%) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Quraishi O, et al. Inhibition of inducible prostaglandin E(2) synthase by 15-deoxy-Delta(12,14)-prostaglandin J(2) and polyunsaturated fatty acids. *Biochem Pharmacol.* 2002 Mar 15;63(6):1183-9.

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

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