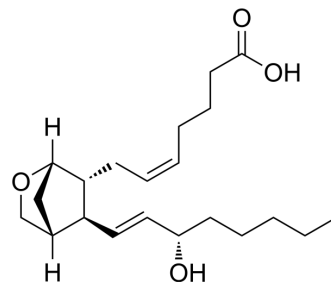


## U-44069

Cat. No.:	HY-121825
CAS No.:	56985-32-1
Molecular Formula:	C <sub>21</sub> H <sub>34</sub> O <sub>4</sub>
Molecular Weight:	350.49
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

U-44069 is a stable prostaglandin (PG) H<sub>2</sub> analogue and a potent vasoconstrictor. U-44069 induces Ca influx at preglomerular vessels<sup>[1]</sup>.

### REFERENCES

[1]. Simpson AW, et, al. Low concentrations of the stable prostaglandin endoperoxide U44069 stimulate shape change in quin2-loaded platelets without a measurable increase in [Ca<sup>2+</sup>]<sub>i</sub>. FEBS Lett. 1986 Jun 9;201(2):301-5.

[2]. Loutzenhiser R, et, al. Reversal of renal and smooth muscle actions of the thromboxane mimetic U-44069 by diltiazem. Am J Physiol. 1986 Apr;250(4 Pt 2):F619-26.

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

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