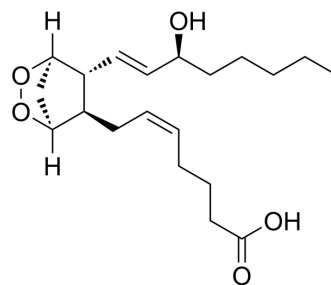


## Prostaglandin H2

Cat. No.:	HY-136500
CAS No.:	42935-17-1
Molecular Formula:	C <sub>20</sub> H <sub>32</sub> O <sub>5</sub>
Molecular Weight:	352.47
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Prostaglandin H2 (PGH2), a potent vasoconstrictor, is produced by the conversion of Arachidonic acid (AA). Prostaglandin H2 is a substrate for the production of Prostaglandins (PGs) and thromboxanes (TXs)<sup>[1]</sup>.

### REFERENCES

- [1]. Irene Wood, et al. Free radical-dependent inhibition of prostaglandin endoperoxide H Synthase-2 by nitro-arachidonic acid. *Free Radic Biol Med.* 2019 Nov 20;144:176-182.
- [2]. T Ito, et al. Prostaglandin H2 as an endothelium-derived contracting factor and its interaction with endothelium-derived nitric oxide. *J Hypertens.* 1991 Aug;9(8):729-36.

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

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