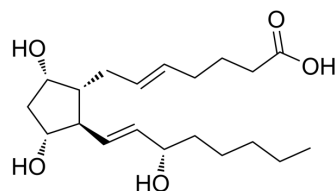


## 5-trans Prostaglandin F2 $\alpha$

Cat. No.:	HY-129953A
CAS No.:	36150-01-3
Molecular Formula:	C <sub>20</sub> H <sub>34</sub> O <sub>5</sub>
Molecular Weight:	354.48
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	5-trans Prostaglandin F2 $\alpha$ is an endogenous metabolite present in Blood that can be used for the research of Myocardial Infarction <sup>[1][2]</sup> .
In Vitro	Endogenous metabolites is defined as those that are annotated by Kyoto Encyclopedia of Genes and Genomes as substrates or products of the ~1900 metabolic enzymes encoded in our genome. It is clear in the body of literature that there are documented toxic properties for many of these metabolites <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Strohmenger HU, et al. Concentrations of prolactin and prostaglandins during and after cardiopulmonary resuscitation. Crit Care Med. 1995 Aug;23(8):1347-55.
- [2]. Lee N, et al. Endogenous toxic metabolites and implications in cancer therapy. Oncogene. 2020 Aug;39(35):5709-5720.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA