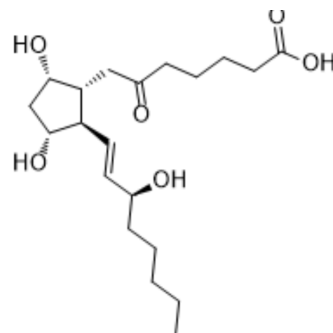


6-keto Prostaglandin F1 α

Cat. No.:	HY-113358
CAS No.:	58962-34-8
Molecular Formula:	C ₂₀ H ₃₄ O ₆
Molecular Weight:	370.48
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	6-keto Prostaglandin F1 α is an endogenous metabolite present in Cerebrospinal_Fluid, Urine and Blood that can be used for the research of Meningitis, Rheumatoid Arthritis and Cardiopulmonary Resuscitation ^{[1][2][3][4]} .
IC₅₀ & Target	Human Endogenous Metabolite
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 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Westcott JY, et al. Eicosanoids in human ventricular cerebrospinal fluid following severe brain injury. Prostaglandins. 1987 Dec;34(6):877-87.
- [2]. Laitinen O, et al. Plasma levels and urinary excretion of prostaglandins in patients with rheumatoid arthritis. Clin Rheumatol. 1983 Dec;2(4):401-6.
- [3]. Strohmenger HU, et al. Concentrations of prolactin and prostaglandins during and after cardiopulmonary resuscitation. Crit Care Med. 1995 Aug;23(8):1347-55.
- [4]. 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