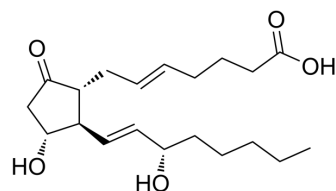


5-trans-PGE2

Cat. No.:	HY-135023
CAS No.:	36150-00-2
Molecular Formula:	C ₂₀ H ₃₂ O ₅
Molecular Weight:	352.47
Target:	Cytochrome P450; Prostaglandin Receptor
Pathway:	Metabolic Enzyme/Protease; GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5-trans-PGE2 (5-trans Prostaglandin E2) is the active isomer of PGE2 and a potent activator of aromatase. Supplements the process of paracrine signaling between epithelial cells (expressing high levels of PGE2) and surrounding stromal cells (expressing high levels of aromatase). This process is involved in the growth and development of breast cancer^[1].

REFERENCES

[1]. Richards JA, et al. Prostaglandin E2 regulates aromatase activity and expression in human adipose stromal cells via two distinct receptor subtypes. J Clin Endocrinol Metab. 2003 Jun;88(6):2810-6.

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