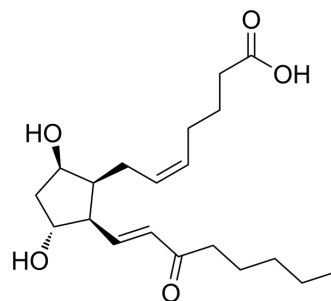


8-Iso-15-keto prostaglandin F2 β

Cat. No.:	HY-116591
CAS No.:	1621482-36-7
Molecular Formula:	C ₂₀ H ₃₂ O ₅
Molecular Weight:	352.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

8-Iso-15-keto prostaglandin F2 β is a potential metabolite of 8-Iso PGF2 β via the 15-hydroxy-PG dehydrogenase pathway. 8-Iso PGF2 β constricts pulmonary veins in dogs and pigs^{[1][2]}.

REFERENCES

[1]. Janssen LJ, et al. Vasoconstrictor actions of isoprostanes via tyrosine kinase and Rho kinase in human and canine pulmonary vascular smooth muscles. *Br J Pharmacol.* 2001 Jan;132(1):127-34.

[2]. Janssen LJ, et al. Involvement of TP and EP3 receptors in vasoconstrictor responses to isoprostanes in pulmonary vasculature. *J Pharmacol Exp Ther.* 2002 Jun;301(3):1060-6.

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

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