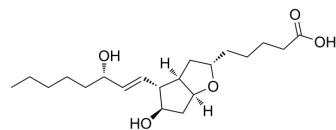


6 β -Prostaglandin I1

Cat. No.:	HY-130522
CAS No.:	62770-50-7
Molecular Formula:	C ₂₀ H ₃₄ O ₅
Molecular Weight:	354.48
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

6 β -Prostaglandin I1 (6 β -PGI1) is an analog of prostaglandin I2 (PGI2) that is resistant to hydrolysis in aqueous solutions. 6 β -Prostaglandin I1 can reduce gastric acid secretion with an ID₅₀ (dose causing 50% inhibition) of approximately 3.0 μ g/kg/min (intravenous injection)^[1].

REFERENCES

[1]. Kauffman GL Jr, et al. Effects of prostacyclin and a stable analogue, 6-beta-PGI1, on gastric acid secretion, mucosal blood flow, and blood pressure in conscious dogs. *Gastroenterology*. 1979 Dec;77(6):1301-6. PMID: 387511.

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

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