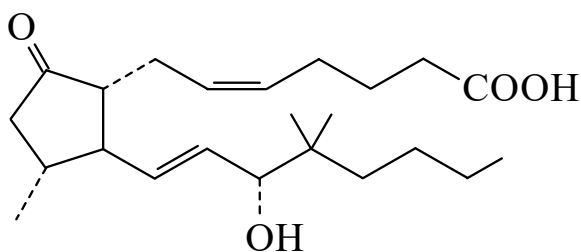




>>Entry Name: Trimoprostil, INN, USAN

Synonym(s): 15-Hydroxy-11,16,16-trimethyl-9-oxoprostano-5,13-dien-1-oic acid, 9CI. 7-[2-(3-Hydroxy-4,4-dimethyl-1-octenyl)-3-methyl-5-oxocyclopentyl]-5-heptenoic acid.  
Ulpax. Ulstav. Ro-21-6937/000



CAS Registry Number: 69900-72-7

Molecular Formula:  $C_{23}H_{38}O_4$

Molecular Weight: 378.551

Accurate Mass: 378.27701

Percentage Composition: C 72.98%; H 10.12%; O 16.91%

Use/Importance: Gastric antisecretory agent. Cytoprotective

Calculated Log P Data: Log P 4.38 (calc)

Other Data: Stereoisomers also prepd.

#### References:

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Dammann, H.G. *et al.*, *Arzneim.-Forsch.*, 1983, **33**, 905, (*pharmacol*)

Rubio, F. *et al.*, *J. Chromatogr.*, 1985, **339**, 313, (*gc-ms*)

*Scand. J. Gastroenterol.*, 1988, **23**, 134, (*clin trials*)

*Martindale, The Extra Pharmacopoeia*, 30th edn., *Pharmaceutical Press*, 1993, 1159