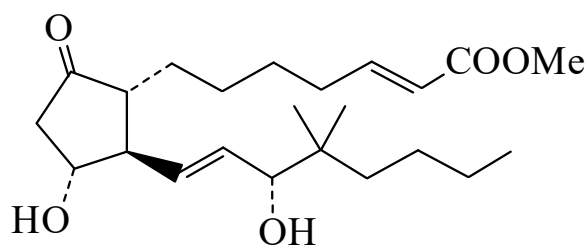




>>Entry Name: **Gemeprost**, BAN, INN, JAN, USAN

Synonym(s): Methyl 11,15-dihydroxy-16,16-dimethyl-9-oxoprostano-2,13-dien-1-oate, 9Cl. Cergem. Cervagem. Cervidil. Preglandin. ONO 802. SC 37681



CAS Registry Number: 64318-79-2

Molecular Formula:  $C_{23}H_{38}O_5$

Molecular Weight: 394.55

Accurate Mass: 394.271925

Percentage Composition: C 70.02%; H 9.71%; O 20.28%

Use/Importance: Luteolytic agent. Uterine stimulant; used to soften and dilate cervix prior to abortion

Development Status: Launched 1983

Calculated Log P Data: Log P 3.56 (calc)

Hazard & Toxicity: LD<sub>50</sub> (rat, orl) 56.5 mg/kg. LD<sub>50</sub> (rat, ivn) 28.6 mg/kg. Exp. reprod. effects

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