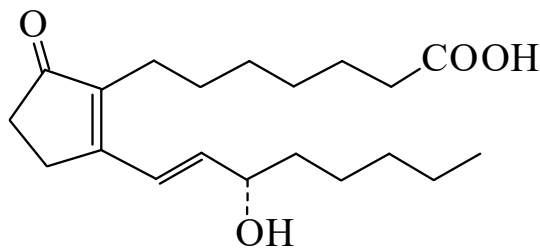




>>Entry Name: 15-Hydroxy-9-oxo-8(12),13-prostadienoic acid, 9Cl

Synonym(s): 2-(3-Hydroxy-1-octenyl)-5-oxo-1-cyclopentene-1-heptanoic acid, 8Cl



Molecular Formula: C₂₀H₃₂O₄

Molecular Weight: 336.47

Accurate Mass: 336.23006

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

>>Variant: (13E,15S)-form

Synonym(s): PGB₁. Prostaglandin B₁. Prostaglandin E₁-278

CAS Registry Number: 13345-51-2

Molecular Formula: C₂₀H₃₂O₄

Molecular Weight: 336.47

Accurate Mass: 336.23006

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Occurs in human seminal fluid

Use/Importance: Inhibits uterine motility (*in vitro*)

Physical Description: Cryst.

Fluka: 82467

Sigma: P5265

References:

Hamberg, M. *et al.*, *Prostaglandins, Proc. Nobel Symp.*, 2nd., 1966, 1967, 63

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Pappo, R. *et al.*, *Ann. N.Y. Acad. Sci.*, 1971, **180**, 64, (*synth*)

Mikolajczyk, M. *et al.*, *J.O.C.*, 2000, **65**, 5127-5130, (*synth*)