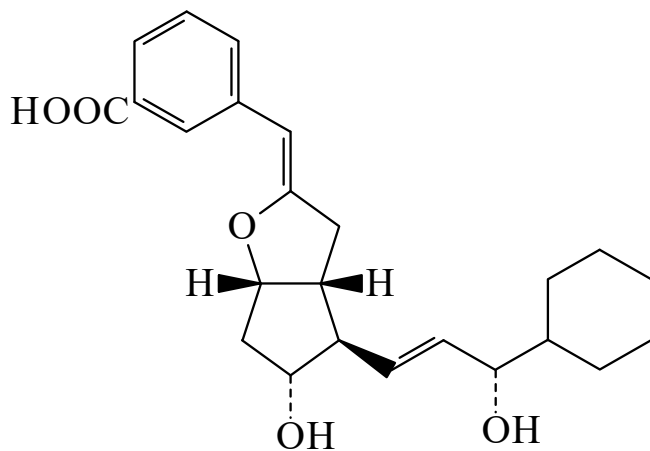




>>Entry Name: Taprostene, INN

Synonym(s): 3-[[4-(3-Cyclohexyl-3-hydroxy-1-propenyl)hexahydro-5-hydroxy-2*H*-cyclopenta[*b*]furan-2-ylidene]methyl]benzoic acid, 9CI. CG 4203. SE 63



CAS Registry Number: 108945-35-3

Related CAS Registry Numbers(s): 87440-45-7

Molecular Formula: C<sub>24</sub>H<sub>30</sub>O<sub>5</sub>

Molecular Weight: 398.498

Accurate Mass: 398.209325

Percentage Composition: C 72.34%; H 7.59%; O 20.07%

Use/Importance: Prostacyclin analogue. Platelet aggregation inhibitor. Cardioprotective

Physical Description: No phys. props. reported

Calculated Log P Data: Log P 3.87 (uncertain value) (calc)

Other Data: Used as Na salt

#### References:

Flohe, L. *et al.*, *Arzneim.-Forsch.*, 1983, **33**, 1240, (*synth, pharmacol*)

Mueller, B. *et al.*, *Arzneim.-Forsch.*, 1984, **34**, 1506, (*pharmacol*)

Chiang, Y. *et al.*, *J.O.C.*, 1988, **53**, 2552

Michel, G. *et al.*, *Arzneim.-Forsch.*, 1990, **40**, 817; 932, (*pharmacol*)

Virgolini, I. *et al.*, *Eur. J. Clin. Pharmacol.*, 1990, **38**, 347, (*clin trial*)