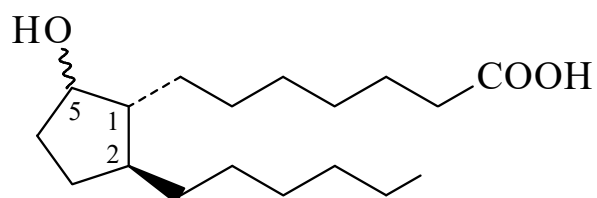




>>Entry Name: **Rosaprostol**, INN

**Synonym(s):** 2-Hexyl-5-hydroxycyclopentaneheptanoic acid, 9CI. 9-Hydroxy-19,20-bisnorprostanoic acid. Rosal. IBI-C 83



**CAS Registry Number:** 56695-65-9

**Related CAS Registry Numbers(s):** 56695-66-0

**Molecular Formula:** C<sub>18</sub>H<sub>34</sub>O<sub>3</sub>

**Molecular Weight:** 298.465

**Accurate Mass:** 298.250795

**Percentage Composition:** C 72.44%; H 11.48%; O 16.08%

**Use/Importance:** Prostanoid receptor agonist. Platelet-aggregation inhibitor. Antiulcer agent. Cytoprotective

**Development Status:** Launched 1985

**Calculated Log P Data:** Log P 5.58 (calc)

#### References:

Valcavi, U. *et al.*, *Farmaco, Ed. Sci.*, 1975, **30**, 527, (*synth*)

*Ger. Pat.*, 1976, *Istituto Biochimico Italiano di Loredana Lorenzini*, 2 535 343; *CA*, **85**, 32512q, (*synth, pharmacol*)

Valcavi, U. *et al.*, *Arzneim.-Forsch.*, 1982, **32**, 657, (*pharmacol*)

Foschi, D. *et al.*, *Int. J. Tissue React.*, 1988, **10**, 53, (*pharmacol, human*)

Benfenati, E. *et al.*, *Prostaglandins*, 1988, **35**, 665, (*metab*)

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

Mikolajczyk, M. *et al.*, *J.O.C.*, 1998, **63**, 8894-8897, (*synth*)