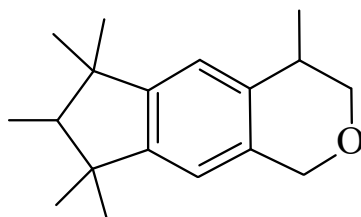




>>Entry Name: Galaxolide

Synonym(s): 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta[g]-2-benzopyran, 9CI



CAS Registry Number: 1222-05-5

Molecular Formula: C₁₈H₂₆O

Molecular Weight: 258.403

Accurate Mass: 258.198365

Percentage Composition: C 83.67%; H 10.14%; O 6.19%

Use/Importance: Important musk odorant in the perfumery industry

Other Data: Galaxolide is a trade name (IFF Ltd.)

Hazard & Toxicity: Skin irritant

References:

Fr. Pat., 1972, 2 088 886; *CA*, **77**, 88304, (*synth*)

U.S. Pat., 1975, 3 910 964; *CA*, **84**, 59197, (*synth*)

Opdyke, D.L.J., *Food Cosmet. Toxicol.*, Suppl, 1976, **14**, 793, (*tox, rev*)

Muller, S. *et al.*, *Chemosphere*, 1996, **33**, 17-28, (*anal*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, GBU000