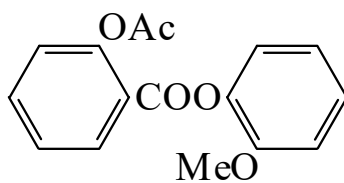




>>Entry Name: **Guacetisal**, INN

Synonym(s): 2-Methoxyphenyl 2-(acetyloxy)benzoate, 9CI. *o*-Methoxyphenyl salicylate acetate. Guaiacol acetylsalicylate. Broncaspin. Guaiaspir. Guajabronc. Prontomucil. Portaben. Balsacetil



CAS Registry Number: 55482-89-8

Molecular Formula: C₁₆H₁₄O₅

Molecular Weight: 286.284

Accurate Mass: 286.084125

Percentage Composition: C 67.13%; H 4.93%; O 27.94%

Use/Importance: Antipyretic, expectorant. Antiinflammatory agent, analgesic

Physical Description: Cryst. (EtOH)

Melting Point: Mp 71-73°

Calculated Log P Data: Log P 2.63 (calc)

References:

- Schlumberger, H.D., *Int. Arch. Allergy Appl. Immunol.*, 1975, **48**, 467, (*pharmacol*)
Papini, P. *et al.*, *Boll. Chim. Farm.*, 1980, **119**, 197, (*synth*)
Drugs of Today (Barcelona), 1980, **16**, 80, (*rev, pharmacol*)
Zuccali, G. *et al.*, *Minerva Med.*, 1981, **72**, 451, (*clin trial*)
Mura, P. *et al.*, *Farmaco, Ed. Prat.*, 1986, **41**, 226, (*props*)
Sun, C. *et al.*, *Zhongguo Yiyao Gongye Zazhi*, 1990, **21**, 387; *CA*, **114**, 184926h, (*synth*)
Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 747