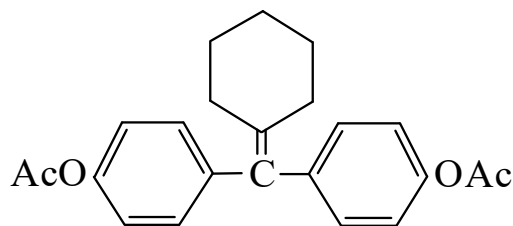




>>Entry Name: Cyclofenil, BAN, INN, JAN

Synonym(s): 4-[[4-(Acetyloxy)phenyl]cyclohexylidenemethyl]phenol acetate, 9CI. α -Cyclohexylidene- α -(*p*-hydroxyphenyl)-*p*-cresol acetate, 8CI. Ondonid. Cyclophenyl. Cyclophenil. Many other names



CAS Registry Number: 2624-43-3

Molecular Formula: C₂₃H₂₄O₄

Molecular Weight: 364.44

Accurate Mass: 364.16746

Percentage Composition: C 75.80%; H 6.64%; O 17.56%

Use/Importance: Ovulation inducer used to treat infertility

Melting Point: Mp 135-136°

Calculated Log P Data: Log P 5.12 (calc)

Hazard & Toxicity: Exp. reprod. effects

References:

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Watnick, A.S. *et al.*, *Acta Endocrinol.*, 1968, **59**, 611, (*pharmacol*)
Precigoux, G. *et al.*, *Cryst. Struct. Commun.*, 1972, **1**, 341, (*cryst struct*)
Placidi, G.F. *et al.*, *Arzneim.-Forsch.*, 1978, **28**, 2134, (*metab*)
Miquel, J.F. *et al.*, *C. R. Hebd. Seances Acad. Sci. Ser. C*, 1978, **286**, 151, (*synth*)
Borgstroem, L., *Eur. J. Clin. Pharmacol.*, 1981, **19**, 213, (*pharmacol*)
Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., Akademie-Verlag, 1987, 6823, (*synonyms*)
Yong, E.L. *et al.*, *Hum. Reprod.*, 1992, **7**, 39, (*pharmacol, man*)
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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 9th edn., Van Nostrand Reinhold, 1996, FBP100