



>>Variant: (2Z,4E,6E,8E)-form

Synonym(s): Isoetretin. Ro 13-7652. Isacitretin

CAS Registry Number: 69427-46-9

Molecular Formula: $C_{21}H_{26}O_3$

Molecular Weight: 326.435

Accurate Mass: 326.188195

Percentage Composition: C 77.27%; H 8.03%; O 14.70%

Use/Importance: Antipsoriatic

Physical Description: Orange cryst. (2-propanol)

Melting Point: Mp 171-173°

Calculated Log P Data: Log P 6.07 (calc)

References:

- Ger. Pat.*, 1977, 2 636 879; *CA*, **87**, 23565y, (*synth, deriv*)
Haenni, R. *et al.*, *Helv. Chim. Acta*, 1977, **60**, 2309, (*synth, pmr, ms, metab*)
Mayer, H. *et al.*, *Experientia*, 1978, **34**, 1105, (*rev, pharmacol*)
Englert, G. *et al.*, *Helv. Chim. Acta*, 1978, **61**, 2697, (*pmr, isom*)
Paravicini, U. *et al.*, *Ann. N.Y. Acad. Sci.*, 1981, **359**, 54, (*rev, metab*)
Ward, A. *et al.*, *Drugs*, 1983, **26**, 9, (*rev*)
Bestmann, H.J. *et al.*, *Annalen*, 1984, 1740, (*isoetretin*)
Cunliffe, W.J., *Biochem. Soc. Trans.*, 1986, **14**, 943, (*props*)
Coffey, J.W. *et al.*, *Int. Congr. Ser. Excerpta Med.*, 1987, **750**, 705, (*rev, isomers*)
Jakobsen, P. *et al.*, *J. Chromatogr.*, 1987, **415**, 413, (*hplc*)
Pilkington, T. *et al.*, *Drugs*, 1992, **43**, 597, (*rev*)
Bouvy, M.L. *et al.*, *Pharm. Weekbl., Sci. Ed.*, 1992, **14**, 33, (*Acitretin, rev, pharmacokinet*)
Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 754; 758
Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, EMJ500; REP400