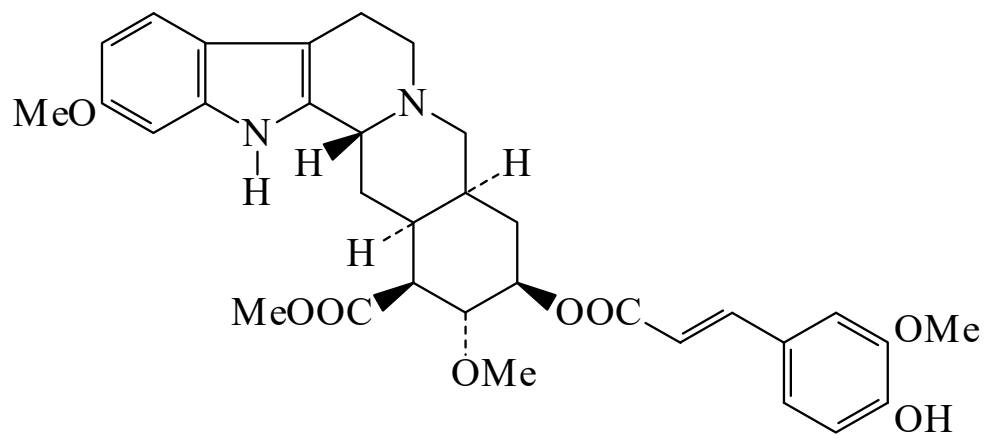
>>**Entry Name: Rescimetol,** INN, JAN

Synonym(s): Methyl 18-[[3-(4-hydroxy-3-methoxyphenyl)-1-oxo-2-propenyl]oxy]-11,17-dimethoxyyohimban-16-carboxylate, 9CI. Methyl *O*-(4-hydroxy-3-methoxycinnamoyl)reserpate. Toscarna. CD 3400



CAS Registry Number: 73573-42-9

Related CAS Registry Numbers(s): 35440-49-4

Molecular Formula: $C_{33}H_{38}N_2O_8$

Molecular Weight: 590.672

Accurate Mass: 590.262818

Percentage Composition: C 67.10%; H 6.48%; N 4.74%; O 21.67%

Use/Importance: Antihypertensive agent

Physical Description: Needles (MeOH/C_6H_6)

Development Status: No longer marketed

Melting Point: Mp 260-262 dec.°

Calculated Log P Data: Log P 3.89 (calc)

Hazard & Toxicity: LD_{50} (rat, orl) >15000 mg/kg. LD_{50} (rat, ipr) 210 mg/kg

References:

Kametani, T. *et al.*, *J. Med. Chem.*, 1972, **15**, 686, *(synth, activity)*

Ger. Pat., 1973, *Japan Chemipha*, 2 221 123; *CA*, **79**, 5487e, *(synth)*

Kametani, T. *et al.*, *J.C.S. Perkin 1*, 1975, **10**, 932, *(synth, ms)*

Kato, H. *et al.*, *Jpn. J. Pharmacol.*, 1977, **27**, 87, *(activity)*

Fujimoto, Y., *CA*, 1980, **93**, 125349x, *(pharmacol)*

Matsuda, H., *CA*, 1981, **95**, 215016g, *(pharmacol)*

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