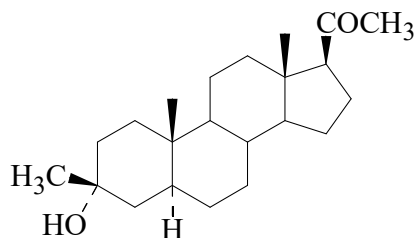




>>Entry Name: Ganaxolone, INN

Synonym(s): 3-Hydroxy-3-methylpregnan-20-one, 9Cl. CCD 1042



CAS Registry Number: 38398-32-2

Related CAS Registry Numbers(s): 178885-96-6

Molecular Formula: C₂₂H₃₆O₂

Molecular Weight: 332.525

Accurate Mass: 332.27153

Percentage Composition: C 79.47%; H 10.91%; O 9.62%

Biological Use/Importance: Anticonvulsant. GABA_A receptor modulator

Physical Description: Cryst. (MeOH)

Development Status: In phase II clinical trials (1997)

Melting Point: Mp 190-192°

Other Data: Stereochem. is (3 α OH,5 α ,17 β)

References:

U.K. Pat., 1975, *Glaxo*, 1 380 248; *CA*, **82**, 171301w, (*synth, pharmacol*)

Pat. Coop. Treaty (WIPO), 1993, *Cocensys*, 93 03 732; *CA*, **119**, 49738m, (*synth, pharmacol*)

Hogenkamp, D.J. *et al.*, *J. Med. Chem.*, 1997, **40**, 61-72, (*synth, cryst struct, pharmacol*)

Carter, R.B. *et al.*, *J. Pharmacol. Exp. Ther.*, 1997, **280**, 1284-1295; **282**, 543-553, (*pharmacol*)