

5.alpha.-Pregnan-3,20-dione, MO, # 1

Inchi: InChI=1S/C22H36N2O2/c1-14(23-25-3)20-9-10-21-19-7-5-15-13-16(24-26-4)6-8-17(15)1
InchiKey: OMMFWSIWKVMITH-FJRBLVNISA-N
Formula: C22H36N2O2
SMILES: CON=C1CCC2C3CC[C@@]4(C)C(CC[C@@H]4C(C)=NOC)C3CC[C@H]2C1
Mol. weight [g/mol]: 360.54

Physical Properties

Property code	Value	Unit	Source
logp	5.280		Crippen Method
mcvol	300.500	ml/mol	McGowan Method

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R523356&Units=SI>
Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

Legend

logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/60-123-8/5-alpha-Pregnan-3-20-dione-MO-1.pdf>

Generated by Cheméo on 2026-07-21 17:56:31.844227073 +0000 UTC m=+167687.686112540.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.