N'-(4-methyl-phenyl)-N,N-dimethyl-acetamidine

Inchi: InChI=1S/C11H16N2/c1-9-5-7-11(8-6-9)12-10(2)13(3)4/h5-8H,1-4H3/b12-10+
InchiKey: XIEBYTPGMMTHGE-ZRDIBKRKSA-N
Formula: C11H16N2
SMILES: CC(=Nc1ccc(C)cc1)N(C)C
Mol. weight [g/mol]: 176.26

Physical Properties

Property code	Value	Unit	Source
ie	7.28	eV	Cheméo Relay (1.0)
logp	2.607		Crippen Method
mcvol	157.750	ml/mol	McGowan Method
rinpol	1549.00		NIST Webbook

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R153452&Units=SI
Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

ie: Ionization energy
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices

Latest version available from:

https://www.chemeo.com/cid/58-791-0/N-4-methyl-phenyl-N-N-dimethyl-acetamidine.pdf

Generated by Cheméo on 2026-11-07 01:19:42.086858966 +0000 UTC m=+169558.319608186.

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