N,N-Dimethyl-N'-propyl-p-methylbenzamidine

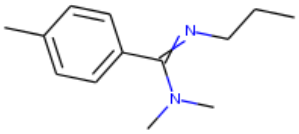
InChI: InChI=1S/C13H20N2/c1-5-10-14-13(15(3)4)12-8-6-11(2)7-9-12/h6-9H,5,10H2,1-4H3

InChI Key: DACXEBLNSXSFBQ-UHFFFAOYSA-N

Formula: C13H20N2

SMILES: CCCN=C(c1ccc(C)cc1)N(C)C

Molecular Weight: 204.31



Physical Properties

Property	Value	Unit	Source
$\Delta_f H°_{gas}$	53.37	kJ/mol	Joback Method
$\Delta_{vap} H°$	52.91	kJ/mol	Joback Method
$logP_{oct/wat}$	2.713		Crippen Method
P_c	1971.80	kPa	Joback Method
T_{boil}	617.50	K	Joback Method
T_c	831.78	K	Joback Method

Sources

Joback Method: https://en.wikipedia.org/wiki/Joback_method

NIST Webbook: http://webbook.nist.gov/cgi/inchi/InChI=1S/C13H20N2/c1-5-10-14-13(15(3)4)12-8-6-11(2)7-9-12/h6-9H,5,10H2,1-4H3

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

$\Delta_f H°_{gas}$: Enthalpy of formation at standard conditions (kJ/mol).
$\Delta_{vap} H°$: Enthalpy of vaporization at standard conditions (kJ/mol).
$logP_{oct/wat}$: Octanol/Water partition coefficient .
P_c: Critical Pressure (kPa).
T_{boil}: Normal Boiling Point Temperature (K).

T_c: Critical Temperature (K).

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