1-(4-Chlorophenoxy)-1-(imidazol-1-yl)-3,3-dimethy

Inchi: InChI=1S/C15H17ClN2O2/c1-15(2,3)13(19)14(18-9-8-17-10-18)20-12-6-4-11(16)5-7-12/h
InchiKey: OWEGWHBOCFMBLP-UHFFFAOYSA-N
Formula: C15H17ClN2O2
SMILES: CC(C)(C)C(=O)C(Oc1ccc(Cl)cc1)n1ccnc1
Mol. weight [g/mol]: 292.77

Physical Properties

Property code	Value	Unit	Source
hfus	29.00	kJ/mol	Solubility of climbazole in various alcohols at different temperatures
log10ws	-4.71		Crippen Method
logp	3.729		Crippen Method
mcvol	218.630	ml/mol	McGowan Method
tt	372.00	K	Solubility of climbazole in various alcohols at different temperatures

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Solubility of climbazole in various alcohols at different temperatures: https://www.doi.org/10.1016/j.jct.2014.04.011
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

hfus: Enthalpy of fusion at standard conditions
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
tt: Triple Point Temperature