N-benzoyl-a-1-piperidylbenzylamine

Inchi: InChI=1S/C19H22N2O/c22-19(17-12-6-2-7-13-17)20-18(16-10-4-1-5-11-16)21-14-8-3-9-
InchiKey: NVVFLNPPJPMLEF-UHFFFAOYSA-N
Formula: C19H22N2O
SMILES: OC(=NC(c1ccccc1)N1CCCCC1)c1ccccc1
Mol. weight [g/mol]: 294.39
CAS: 15563-53-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.49		Crippen Method
logp	4.176		Crippen Method
mcvol	241.720	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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C15563538&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume