Piperidine, 1,1'-([1,1'-biphenyl]-4,4'-diyldicarbonyl)bis-

Inchi: InChI=1S/C24H28N2O2/c27-23(25-15-3-1-4-16-25)21-11-7-19(8-12-21)20-9-13-22(14-10
InchiKey: AASQURZRKTVUFY-UHFFFAOYSA-N
Formula: C24H28N2O2
SMILES: O=C(c1ccc(-c2ccc(C(=O)N3CCCCC3)cc2)cc1)N1CCCCC1
Mol. weight [g/mol]: 376.49
CAS: 52882-87-8

Physical Properties

Property code	Value	Unit	Source
ie	8.40	eV	NIST Webbook
log10ws	-6.66		Crippen Method
logp	4.606		Crippen Method
mcvol	302.880	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=C52882878&Units=SI

Legend

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

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