

Piperidine, 1,1'-(1,2-phenylenedicarbonyl)bis-

Other names: Benzene, 1,2-bis(1-piperidylcarbonyl)-
Inchi: InChI=1S/C18H24N2O2/c21-17(19-11-5-1-6-12-19)15-9-3-4-10-16(15)18(22)20-13-7-2-8
InchiKey: RNCBBFHBUCKNNB-UHFFFAOYSA-N
Formula: C18H24N2O2
SMILES: O=C(c1cccc1C(=O)N1CCCCC1)N1CCCCC1
Mol. weight [g/mol]: 300.40
CAS: 38256-33-6

Physical Properties

Property code	Value	Unit	Source
ie	8.90	eV	NIST Webbook
log10ws	-4.06		Crippen Method
logp	2.939		Crippen Method
mcvol	242.100	ml/mol	McGowan Method

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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=C38256336&Units=SI>

Legend

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

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<https://www.chemeo.com/cid/121-354-4/Piperidine-1-1-1-2-phenylenedicarbonyl-bis.pdf>

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