pyridine, 4-methoxy-2,6-diphenyl-

Other names: 4-methoxy-2,6-diphenylpyridine
Inchi: InChI=1S/C18H15NO/c1-20-16-12-17(14-8-4-2-5-9-14)19-18(13-16)15-10-6-3-7-11-15/h
InchiKey: VYYLFYGLWUMDLX-UHFFFAOYSA-N
Formula: C18H15NO
SMILES: COc1cc(-c2ccccc2)nc(-c2ccccc2)c1
Mol. weight [g/mol]: 261.32
CAS: 19792-55-3

Physical Properties

Property code	Value	Unit	Source
hf	183.79	kJ/mol	Cheméo Relay (1.0)
hvap	110.79	kJ/mol	Cheméo Relay (1.0)
ie	8.05	eV	Cheméo Relay (1.0)
log10ws	-5.18		Cheméo Relay (1.0)
logp	4.424		Crippen Method
mcvol	209.050	ml/mol	McGowan Method
pc	2636.96	kPa	Cheméo Relay (1.0, beta)
tb	683.25	K	Cheméo Relay (1.0)
tf	353.00 ± 3.00	K	NIST Webbook

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C19792553&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point

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