1-Phenyl-1-(2-pyridyl)ethylene

Other names: Pyridine,2-(1-phenylethenyl)-
1-Phenyl-1-(2-pyridyl)ethylene
Inchi: InChI=1S/C13H11N/c1-11(12-7-3-2-4-8-12)13-9-5-6-10-14-13/h2-10H,1H2
InchiKey: WLFQFTSISRWCNV-UHFFFAOYSA-N
Formula: C13H11N
SMILES: C=C(c1ccccc1)c1ccccn1
Mol. weight [g/mol]: 181.24

Physical Properties

Property code	Value	Unit	Source
hf	338.81	kJ/mol	Cheméo Relay (1.0)
hvap	71.94	kJ/mol	Cheméo Relay (1.0)
ie	8.65	eV	NIST Webbook
ie	8.65	eV	NIST Webbook
log10ws	-2.24		Cheméo Relay (1.0)
logp	3.143		Crippen Method
mcvol	152.190	ml/mol	McGowan Method
tb	565.35	K	Cheméo Relay (1.0)
tf	293.80	K	Cheméo Relay (1.0)

Sources

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
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C15260658&Units=SI

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
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point