Tripyridyl

Other names:	«alpha»,«alpha»',«alpha»"-Terpyridine
	2,2':6',2"-Terpyridine
	«alpha»,«alpha»',«alpha»"-Tripyridyl
	Ba 2799
	Tripyridine
	2,2',2"-Terpyridine
	2,2',2"-Terpyridyl
	2,2',2"-Tripyridine
	2,2',2"-Tripyridyl
	2,6-Bis(2-pyridyl)pyridine
	NSC 36755
	NSC 3905
	2,2':6',2"-Terpyridine
Inchi:	InChI=1S/C15H11N3/c1-3-10-16-12(6-1)14-8-5-9-15(18-14)13-7-2-4-11-17-13/h1-11H
InchiKey:	DRGAZIDRYFYHIJ-UHFFFAOYSA-N
Formula:	C15H11N3
SMILES:	c1ccc(-c2cccc(-c3ccccn3)n2)nc1
Mol. weight [g/mol]:	233.27
CAS:	1148-79-4

Physical Properties

Property code	Value	Unit	Source
chs	-7772.30 ± 3.30	kJ/mol	NIST Webbook
hf	394.60 ± 4.60	kJ/mol	NIST Webbook
hfs	297.50 ± 3.50	kJ/mol	NIST Webbook
hsub	97.10 ± 1.10	kJ/mol	NIST Webbook
hsub	97.10	kJ/mol	NIST Webbook
log10ws	-5.97		Crippen Method
logp	3.206		Crippen Method
mcvol	180.870	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=C1148794&Units=SI

Legend

chs:	Standard solid enthalpy of combustion
hf:	Enthalpy of formation at standard conditions
hfs:	Solid phase enthalpy of formation at standard conditions
hsub:	Enthalpy of sublimation at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume