

Pyridine, 2,5-dibromo-

Other names:	2,5-Dibromopyridine
Inchi:	InChI=1S/C5H3Br2N/c6-4-1-2-5(7)8-3-4/h1-3H
InchiKey:	ZHXUWDPHUQHFOV-UHFFFAOYSA-N
Formula:	C5H3Br2N
SMILES:	Brc1ccc(Br)nc1
Mol. weight [g/mol]:	236.89
CAS:	624-28-2

Physical Properties

Property code	Value	Unit	Source
hsub	82.10 ± 2.20	kJ/mol	NIST Webbook
log10ws	-3.56		Crippen Method
logp	2.607		Crippen Method
mcvol	102.530	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C624282&Units=SI
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

Legend

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

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<https://www.chemeo.com/cid/98-445-0/Pyridine-2-5-dibromo.pdf>

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