

3,5-Dichloro-2-trichloromethyl pyridine'

Other names:	3,5-Dichloro-2-trichloromethyl pyridine'
Inchi:	InChI=1S/C6H2Cl5N/c7-3-1-4(8)5(12-2-3)6(9,10)11/h1-2H
InchiKey:	PWVHFDAKFGGYKJ-UHFFFAOYSA-N
Formula:	C6H2Cl5N
SMILES:	Clc1cnc(C(Cl)(Cl)Cl)c(Cl)c1
Mol. weight [g/mol]:	265.35

Physical Properties

Property code	Value	Unit	Source
hvap	56.27	kJ/mol	NIST Webbook
logp	4.215		Crippen Method
mcvol	142.820	ml/mol	McGowan Method

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1128161&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

hvap: Enthalpy of vaporization at standard conditions

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/96-913-2/3-5-Dichloro-2-trichloromethyl-pyridine.pdf>

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