

Ammonia-d3

Inchi:	InChI=1S/H3N/h1H3/i/hD3
InchiKey:	QGZKDVFNNGYKY-ZRLBSURWSA-N
Formula:	D3N
SMILES:	N
Mol. weight [g/mol]:	20.05
CAS:	84796-14-5

Physical Properties

Property code	Value	Unit	Source
log10ws	7.60		Crippen Method
logp	0.162		Crippen Method
mcvol	20.840	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C84796145&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/51-452-3/Ammonia-d3.pdf>

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