

Carbazole, N-trifluoroacetyl-

Other names:	Carbazole, TFA
Inchi:	InChI=1S/C14H8F3NO/c15-14(16,17)13(19)18-11-7-3-1-5-9(11)10-6-2-4-8-12(10)18/h1-6
InchiKey:	GAYGDUSZOFOTQY-UHFFFAOYSA-N
Formula:	C14H8F3NO
SMILES:	O=C(n1c2ccccc2c2ccccc21)C(F)(F)F
Mol. weight [g/mol]:	263.21

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.86		Crippen Method
logp	3.997		Crippen Method
mcvol	166.600	ml/mol	McGowan Method

Sources

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=U328374&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/59-543-4/Carbazole-N-trifluoroacetyl.pdf>

Generated by Cheméo on 2025-12-25 15:21:44.321647984 +0000 UTC m=+6424301.851688639.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.