N-Trimethylsilyl-n-heptylamine

Other names:	n-Heptyl(trimethyl)silanamine
	1-Heptanamine, mono-TMS
	Heptylamine, tms derivative
Inchi:	InChI=1S/C10H25NSi/c1-5-6-7-8-9-10-11-12(2,3)4/h11H,5-10H2,1-4H3
InchiKey:	PDWAWUYUYBKFJQ-UHFFFAOYSA-N
Formula:	C10H25NSi
SMILES:	CCCCCCCN[Si](C)(C)C
Mol. weight [g/mol]:	187.40
CAS:	17940-17-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.25		Crippen Method
logp	3.381		Crippen Method
rinpol	1153.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17940179&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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