

1,3-Dibutyl-1,1,3,3-tetramethyldisilazane

Inchi: InChI=1S/C12H31NSi2/c1-7-9-11-14(3,4)13-15(5,6)12-10-8-2/h13H,7-12H2,1-6H3
InchiKey: GXGDLEBZHWVDTF-UHFFFAOYSA-N
Formula: C12H31NSi2
SMILES: CCCC[Si](C)(C)N[Si](C)(C)CCCC
Mol. weight [g/mol]: 245.55
CAS: 82356-80-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.14		Crippen Method
logp	4.586		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	354.00	K	0.30	NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C82356807&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
tbrp: Boiling point at reduced pressure

Latest version available from:

<https://www.chemeo.com/cid/24-798-0/1-3-Dibutyl-1-1-3-3-tetramethyldisilazane.pdf>

Generated by Cheméo on 2024-04-17 02:24:49.124529384 +0000 UTC m=+15609938.045106694.

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