

HYDRAZINE, TETRAKIS(TRIMETHYLSILYL)-

Inchi: InChI=1S/C12H36N2Si4/c1-15(2,3)13(16(4,5)6)14(17(7,8)9)18(10,11)12/h1-12H3
InchiKey: BSXINRHGKAWUQE-UHFFFAOYSA-N
Formula: C12H36N2Si4
SMILES: C[Si](C)(C)N(N([Si](C)(C)C)[Si](C)(C)C)[Si](C)(C)C
Mol. weight [g/mol]: 320.78

Physical Properties

Property code	Value	Unit	Source
hvap	46.75	kJ/mol	Cheméo Relay (1.0)
ie	7.95	eV	NIST Webbook
logp	4.845		Crippen Method

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C20156621&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):

Legend

hvap: Enthalpy of vaporization at standard conditions
ie: Ionization energy
logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/117-821-0/HYDRAZINE-TETRAKIS-TRIMETHYLSILYL.pdf>

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