

Ethyne, 1-bromo-2-trimethylsilyl-

Inchi:	InChI=1S/C5H9BrSi/c1-7(2,3)5-4-6/h1-3H3
InchiKey:	YRBAQEQNCDDFKM-UHFFFAOYSA-N
Formula:	C5H9BrSi
SMILES:	C[Si](C)(C)C#CBr
Mol. weight [g/mol]:	177.11
CAS:	18243-59-9

Physical Properties

Property code	Value	Unit	Source
ie	9.40 ± 0.10	eV	NIST Webbook
log10ws	-0.19		Crippen Method
logp	2.220		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18243599&Units=SI

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/66-503-0/Ethyne-1-bromo-2-trimethylsilyl.pdf>

Generated by Cheméo on 2024-04-17 22:48:23.702257084 +0000 UTC m=+15683352.622834400.

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