

Tris(trimethylsilyl)borate

Other names:	Silanol, trimethyl-, triester with boric acid (H3BO3) Borane, tris(trimethylsiloxy)- Silanol, trimethyl-, borate (3:1) Tris(trimethylsiloxy)boron Tris(trimethylsiloxy)borane
Inchi:	InChI=1S/C9H27BO3Si3/c1-14(2,3)11-10(12-15(4,5)6)13-16(7,8)9/h1-9H3
InchiKey:	YZYKZHPNRDIPFA-UHFFFAOYSA-N
Formula:	C9H27BO3Si3
SMILES:	C[Si](C)(C)OB(O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]:	278.38
CAS:	4325-85-3

Physical Properties

Property code	Value	Unit	Source
log10ws	5.75		Crippen Method
logp	3.526		Crippen Method
rinsol	1010.00		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemed.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4325853&Units=SI

Legend

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

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