TRIS(DIMETHYLAMINO)BORANE

Other names:	B(N(CH3)2)3
	Boranetriamine, hexamethyl-
Inchi:	InChI=1S/C6H18BN3/c1-8(2)7(9(3)4)10(5)6/h1-6H3
InchiKey:	SOLWORTYZPSMAK-UHFFFAOYSA-N
Formula:	C6H18BN3
SMILES:	CN(C)B(N(C)C)N(C)C
Mol. weight [g/mol]:	143.04

Physical Properties

Property code	Value	Unit	Source
ie	7.75	eV	NIST Webbook
ie	7.57 ± 0.05	eV	NIST Webbook
ie	7.90 ± 0.10	eV	NIST Webbook
ie	7.60	eV	NIST Webbook
logp	-0.344		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4375831&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

ie:	Ionization energy
logp:	Octanol/Water partition coefficient