1,10-Dicarbadecaborane(10)

Inchi: InChI=1S/C2H10B8/c1-3-4(1)6(1)5(1,3)8(3)2-7(3,4,8)9(2,4,6)10(2,5,6)8/h1-10H
InchiKey: ITRHDJHYNIKAFY-UHFFFAOYSA-N
Formula: C2H10B8
Mol. weight [g/mol]: 120.59
CAS: 23653-23-8

Physical Properties

Property code	Value	Unit	Source
ie	10.50	eV	NIST Webbook; Fehlner, Wu, et al., 1980
rinpol	1120.00		NIST Webbook; Stuchlik and Pacakova, 1979
rinpol	1138.00		NIST Webbook; Stuchlik and Pacakova, 1979
rinpol	1132.00		NIST Webbook; Stuchlik and Pacakova, 1979
rinpol	1148.00		NIST Webbook; Stuchlik and Pacakova, 1979
ripol	1925.00		NIST Webbook; Stuchlik and Pacakova, 1979
ripol	1935.00		NIST Webbook; Stuchlik and Pacakova, 1979

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C23653238&Units=SI

Legend

ie: Ionization energy
rinpol: Non-polar retention indices
ripol: Polar retention indices

Latest version available from:

https://www.chemeo.com/cid/56-386-2/1-10-Dicarbadecaborane-10.pdf

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