(+)tr-4,5-Bis(iodomethyl)-2,2-dimethyl-1,3-dioxola

Inchi: InChI=1S/C7H12I2O2/c1-7(2)10-5(3-8)6(4-9)11-7/h5-6H,3-4H2,1-2H3
InchiKey: WHRBZHCFRKKRJE-UHFFFAOYSA-N
Formula: C7H12I2O2
SMILES: CC1(C)OC(CI)C(CI)O1
Mol. weight [g/mol]: 381.98

Physical Properties

Property code	Value	Unit	Source
hfus	28.43	kJ/mol	Joback Method
logp	2.377		Crippen Method
mcvol	162.010	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	339.65	J/mol×K	606.12	Joback Method
cpg	352.98	J/mol×K	651.30	Joback Method
cpg	365.39	J/mol×K	696.47	Joback Method
cpg	377.08	J/mol×K	741.65	Joback Method
cpg	388.31	J/mol×K	786.82	Joback Method
cpg	399.28	J/mol×K	832.00	Joback Method
cpg	410.24	J/mol×K	877.17	Joback Method

Sources

Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
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

cpg:	Ideal gas heat capacity
hfus:	Enthalpy of fusion at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume