BENZOFURAN, 2,3-DIHYDRO-2,2,4,6-TETRAMETHYL-

Other names: 2,3-Dihydro-2,2,4,6-tetramethylbenzofuran
Inchi: InChI=1S/C12H16O/c1-8-5-9(2)10-7-12(3,4)13-11(10)6-8/h5-6H,7H2,1-4H3
InchiKey: NKEPZWFYNPDTND-UHFFFAOYSA-N
Formula: C12H16O
SMILES: Cc1cc(C)c2c(c1)OC(C)(C)C2
Mol. weight [g/mol]: 176.26

Physical Properties

Property code	Value	Unit	Source
hf	-170.76	kJ/mol	Cheméo Relay (1.0)
hfus	19.53	kJ/mol	Joback Method
hvap	60.23	kJ/mol	Cheméo Relay (1.0)
logp	3.017		Crippen Method
mcvol	151.190	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	363.27	J/mol×K	549.51	Joback Method
cpg	379.11	J/mol×K	587.12	Joback Method
cpg	393.91	J/mol×K	624.73	Joback Method
cpg	407.82	J/mol×K	662.34	Joback Method
cpg	420.98	J/mol×K	699.95	Joback Method
cpg	433.55	J/mol×K	737.56	Joback Method
cpg	445.69	J/mol×K	775.17	Joback Method

Sources

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):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C3698495&Units=SI

Joback Method: https://en.wikipedia.org/wiki/Joback_method

Legend

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