2,5-Cyclohexadiene-1,4-dione, 2,3,5,6-tetrahydroxy-

Other names: 2,3,5,6-Tetrahydroxy-2,5-cyclohexadien-1,4-dione
2,3,5,6-Tetrahydroxy-p-benzoquinone
2,5-Cyclohexadiene-1,4-dione, 2,3,5,6-tetrahydroxy-
HPEK-1
Kelox
NSC-112931
THQ
Terasin
Tetrahydroxy-1,4-benzoquinone
Tetrahydroxy-1,4-quinone
Tetrahydroxy-p-benzoquinone
Tetrahydroxy-p-quinone
Tetrahydroxyparabenzoquinone
Tetrahydroxyquinone
p-Benzoquinone, 2,3,5,6-tetrahydroxy-

Inchi: InChI=1S/C6H4O6/c7-1-2(8)4(10)6(12)5(11)3(1)9/h7-8,11-12H

InchiKey: DGQOCLATAPFASR-UHFFFAOYSA-N

Formula: C6H4O6

SMILES: O=C1C(O)=C(O)C(=O)C(O)=C1O

Mol. weight [g/mol]: 172.09

Physical Properties

Property code	Value	Unit	Source
hfus	18.32	kJ/mol	Joback Method
logp	-0.207		Crippen Method
mcvol	102.560	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	292.83	J/mol×K	883.50	Joback Method
cpg	297.33	J/mol×K	917.68	Joback Method
cpg	301.20	J/mol×K	951.86	Joback Method
cpg	304.38	J/mol×K	986.04	Joback Method

cpg	306.83	J/mol×K	1020.22	Joback Method
cpg	308.51	J/mol×K	1054.40	Joback Method
cpg	309.38	J/mol×K	1088.58	Joback Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C319891&Units=SI
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