

LEVOGLUCOSENONE

Inchi:	InChI=1S/C6H6O3/c7-5-2-1-4-3-8-6(5)9-4/h1-2,4,6H,3H2
InchiKey:	HITOXZPZGPXYHY-UHFFFAOYSA-N
Formula:	C6H6O3
SMILES:	O=C1C=CC2COC1O2
Mol. weight [g/mol]:	126.11

Physical Properties

Property code	Value	Unit	Source
hfus	20.06	kJ/mol	Joback Method
logp	-0.133		Crippen Method
mcvol	82.690	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	189.75	J/mol×K	479.58	Joback Method
cpg	202.19	J/mol×K	519.02	Joback Method
cpg	213.85	J/mol×K	558.47	Joback Method
cpg	224.74	J/mol×K	597.91	Joback Method
cpg	234.91	J/mol×K	637.35	Joback Method
cpg	244.37	J/mol×K	676.80	Joback Method
cpg	253.15	J/mol×K	716.24	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

Latest version available from:

<https://www.cheméo.com/cid/29-658-0/LEVOGLUCOSENONE.pdf>

Generated by Cheméo on 2026-07-22 14:45:16.353912417 +0000 UTC m=+242612.195797814.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.