

Other names:

3,6,9,12,15-Pentaoxanonadec-1-yl trifluoroacetate

InchiKey: DMZIVFFCOLMBTC-UHFFFAOYSA-N

SMILES: CCCCOCCOCCOCCOCCOC(=O)C(F)(F)F

Mol. weight [g/mol]: 390.39

Property code	Value	Unit	Temperature [K]	Source
cpg	855.07	J/mol×K	748.45	Joback Method
cpg	871.27	J/mol×K	776.79	Joback Method
cpg	886.60	J/mol×K	805.13	Joback Method
cpg	901.04	J/mol×K	833.46	Joback Method

cpg	914.58	J/mol×K	861.80	Joback Method
cpg	927.22	J/mol×K	890.14	Joback Method
cpg	938.95	J/mol×K	918.48	Joback Method

Sources

Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U351938&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

cpg:	Ideal gas heat capacity
gf:	Standard Gibbs free energy of formation
hf:	Enthalpy of formation at standard conditions
hfus:	Enthalpy of fusion at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume

Latest version available from:

<https://www.chemeo.com/cid/114-502-7/2-2-2-2-Butoxyethoxy-ethoxy-ethoxy-ethyl-2-2-2-trifluoroacetate.pdf>

Generated by Cheméo on 2025-12-05 10:28:31.355876535 +0000 UTC m=+4678708.885917188.

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