

2-(2-(2-(2-(2-(2-(2-Butoxy-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy)-acetate

Other names:
acetate

Octaethylene glycol, butyl ether, acetate

InChI: InChI=1S/C22H44O10/c1-3-4-5-24-6-7-25-8-9-26-10-11-27-12-13-28-14-15-29-16-17-30

InchiKey: JJEYCAWYMDLLPU-UHFFFAOYSA-N

Formula: C22H44O10

SMILES: CCCCOCOCOCOCOCOCOCOCOCOCOCOCOC(C)=O

Mol. weight [g/mol]: 468.58

Physical Properties

Property code	Value	Unit	Source
gf	-939.56	kJ/mol	Joback Method
hf	-1799.97	kJ/mol	Joback Method
hfus	65.03	kJ/mol	Joback Method
hvap	93.00	kJ/mol	Joback Method
log10ws	-0.59		Crippen Method
logp	1.482		Crippen Method
mvol	375.240	ml/mol	McGowan Method
pc	854.96	kPa	Joback Method
rinpol	3094.10		NIST Webbook
rinpol	3094.10		NIST Webbook
tb	958.41	K	Joback Method
tc	1186.19	K	Joback Method
tf	587.70	K	Joback Method
vc	1.435	m ³ /kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	1290.35	J/molxK	958.41	Joback Method
cpg	1308.27	J/molxK	996.37	Joback Method
cpg	1323.58	J/molxK	1034.34	Joback Method
cpg	1336.20	J/molxK	1072.30	Joback Method
cpg	1346.03	J/molxK	1110.27	Joback Method
cpg	1352.99	J/molxK	1148.23	Joback Method
cpg	1357.02	J/molxK	1186.19	Joback Method

