

Other names:
acetate
Inchi:

InChI=1S/C18H36O10/c1-18(20)28-17-16-27-15-14-26-13-12-25-11-10-24-9-8-23-7-6-22

GLKNTUFEXSTDBP-UHFFFAOYSA-N

C₁₈H₃₆O₁₀

CC(=O)OCCOCCOCCOCCOCCOCCOCCOCCO

412.47

Physical Properties

Property code	Value	Unit	Source
gf	-1005.06	kJ/mol	Joback Method
hf	-1737.42	kJ/mol	Joback Method
hfus	57.57	kJ/mol	Joback Method
hvap	98.37	kJ/mol	Joback Method
log10ws	0.91		Crippen Method
logp	-0.342		Crippen Method
mcvol	318.880	ml/mol	McGowan Method
pc	1167.22	kPa	Joback Method
rinpol	2775.30		NIST Webbook
rinpol	2775.30		NIST Webbook
tb	936.65	K	Joback Method
tc	1155.89	K	Joback Method
tf	581.21	K	Joback Method
vc	1.212	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	1078.27	J/mol×K	936.65	Joback Method
cpg	1093.66	J/mol×K	973.19	Joback Method
cpg	1107.01	J/mol×K	1009.73	Joback Method
cpg	1118.25	J/mol×K	1046.27	Joback Method
cpg	1127.31	J/mol×K	1082.81	Joback Method
cpg	1134.13	J/mol×K	1119.35	Joback Method
cpg	1138.63	J/mol×K	1155.89	Joback Method

