

Other names:
acetate

40-Oxo-3,6,9,12,15,18,21,24,27,30,33,36,39-tridecaoxahentetracont-1-yl acetate

InChI=1S/C30H58O16/c1-29(31)45-27-25-43-23-21-41-19-17-39-15-13-37-11-9-35-7-5-3

UJHRMHHOVCLYEK-UHFFFAOYSA-N

C30H58O16

CC(=O)OCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOC(C)=O

674.77

Physical Properties

Property code	Value	Unit	Source
gf	-1526.12	kJ/mol	Joback Method
hf	-2738.77	kJ/mol	Joback Method
hfus	93.29	kJ/mol	Joback Method
hvap	129.61	kJ/mol	Joback Method
log10ws	0.85		Crippen Method
logp	0.312		Crippen Method
mcvol	518.880	ml/mol	McGowan Method
pc	564.20	kPa	Joback Method
rinpol	4354.90		NIST Webbook
rinpol	4354.90		NIST Webbook
tb	1307.42	K	Joback Method
tc	1879.85	K	Joback Method
tf	838.94	K	Joback Method
vc	1.980	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	1837.60	J/mol×K	1307.42	Joback Method
cpg	1784.69	J/mol×K	1402.82	Joback Method
cpg	1697.80	J/mol×K	1498.23	Joback Method
cpg	1574.65	J/mol×K	1593.63	Joback Method
cpg	1412.94	J/mol×K	1689.04	Joback Method
cpg	1210.39	J/mol×K	1784.44	Joback Method

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