

2-(2-(2-(2-(2-(2-(2-Isopentoxy-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy acetate

Inchi:
InchiKey:

InChI=1S/C23H46O10/c1-22(2)4-5-25-6-7-26-8-9-27-10-11-28-12-13-29-14-15-30-16-17

WZUWKXKOLMNQDK-UHFFFAOYSA-N

Formula:

C23H46O10

SMILES:

CC(=O)OCCOCCOCCOCCOCCOCCOCCOCCOCCOCC(C)C

Mol. weight [g/mol]:

482.61

Physical Properties

Property code	Value	Unit	Source
gf	-933.58	kJ/mol	Joback Method
hf	-1825.89	kJ/mol	Joback Method
hfus	64.09	kJ/mol	Joback Method
hvap	94.84	kJ/mol	Joback Method
log10ws	-0.77		Crippen Method
logp	1.728		Crippen Method
mcvol	389.330	ml/mol	McGowan Method
pc	812.61	kPa	Joback Method
rinpol	3162.70		NIST Webbook
tb	980.85	K	Joback Method
tc	1217.46	K	Joback Method
tf	583.97	K	Joback Method
vc	1.486	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	1352.99	J/molxK	980.85	Joback Method
cpg	1411.40	J/molxK	1178.02	Joback Method
cpg	1405.97	J/molxK	1138.59	Joback Method
cpg	1397.33	J/molxK	1099.15	Joback Method
cpg	1385.56	J/molxK	1059.72	Joback Method
cpg	1370.75	J/molxK	1020.28	Joback Method
cpg	1413.53	J/molxK	1217.46	Joback Method
dvisc	0.0000039	Paxs	980.85	Joback Method
dvisc	0.0000051	Paxs	914.70	Joback Method

