

dipropoxylated glycerol diacrylate (Acrylic acid

3-[2-(2-acryloyloxy-propoxy)-propoxy]-2-hydroxy-ester)

SMILES: C=CC(=O)OCC(O)COCC(C)OCC(C)OC(=O)C=C

Mol. weight [g/mol]: 316.35

Physical Properties

Property code	Value	Unit	Source
gf	-570.88	kJ/mol	Joback Method
hf	-1024.18	kJ/mol	Joback Method
hfus	33.51	kJ/mol	Joback Method
hvap	86.29	kJ/mol	Joback Method
log10ws	-1.31		Crippen Method
logp	0.616		Crippen Method
mcvol	246.100	ml/mol	McGowan Method
pc	1736.11	kPa	Joback Method
rinpol	1971.00		NIST Webbook
tb	824.24	K	Joback Method
tc	1014.15	K	Joback Method
tf	459.89	K	Joback Method
vc	0.922	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	748.57	J/molxK	824.24	Joback Method
cpg	761.50	J/molxK	855.89	Joback Method
cpg	773.49	J/molxK	887.54	Joback Method
cpg	784.55	J/molxK	919.20	Joback Method
cpg	794.67	J/molxK	950.85	Joback Method
cpg	803.84	J/molxK	982.50	Joback Method
cpg	812.05	J/molxK	1014.15	Joback Method
dvisc	0.0006113	Paxs	459.89	Joback Method
dvisc	0.0001999	Paxs	520.62	Joback Method

