

2-(2-(2-(2-(2-(2-Butoxy-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy)-trifluoroacetate

InChI: CCCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOC(=O)C(F)(F)F
InChIKey: RJHPXDSKMRRBAK-UHFFFAOYSA-N
Formula: C₂₂H₄₁F₃O₁₀
SMILES: CCCCCOCCOCCOCCOCCOCCOCCOCCOCCOC(=O)C(F)(F)F
Mol. weight [g/mol]: 522.55

Physical Properties

Property code	Value	Unit	Source
gf	-1521.15	kJ/mol	Joback Method
hf	-2397.05	kJ/mol	Joback Method
hfus	66.85	kJ/mol	Joback Method
hvap	89.25	kJ/mol	Joback Method
log10ws	-1.26		Crippen Method
logp	2.025		Crippen Method
mvol	380.550	ml/mol	McGowan Method
pc	799.79	kPa	Joback Method
rinpol	2804.30		NIST Webbook
tb	952.99	K	Joback Method
tc	1187.63	K	Joback Method
tf	591.89	K	Joback Method
vc	1.478	m ³ /kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	1311.04	J/molxK	952.99	Joback Method
cpg	1329.18	J/molxK	992.10	Joback Method
cpg	1344.69	J/molxK	1031.20	Joback Method
cpg	1357.50	J/molxK	1070.31	Joback Method
cpg	1367.56	J/molxK	1109.42	Joback Method
cpg	1374.82	J/molxK	1148.52	Joback Method
cpg	1379.20	J/molxK	1187.63	Joback Method

