Propionic acid dimer

Inchi: InChI=1S/C6H12O4/c1-3-5-7-11-9-6(4-2)10-12-8-5/h3-4H2,1-2H3
InchiKey: JZYHLBMERVJAMY-UHFFFAOYSA-N
Formula: C6H12O4
Mol. weight [g/mol]: 148.16
CAS: 32574-16-6

Physical Properties

Property code	Value	Unit	Source
ie	10.40	eV	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	81.00 ± 1.00	kJ/mol	231.50	NIST Webbook
hsubt	79.40 ± 1.00	kJ/mol	233.00	NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C32574166&Units=SI

Legend

hsubt: Enthalpy of sublimation at a given temperature
ie: Ionization energy

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