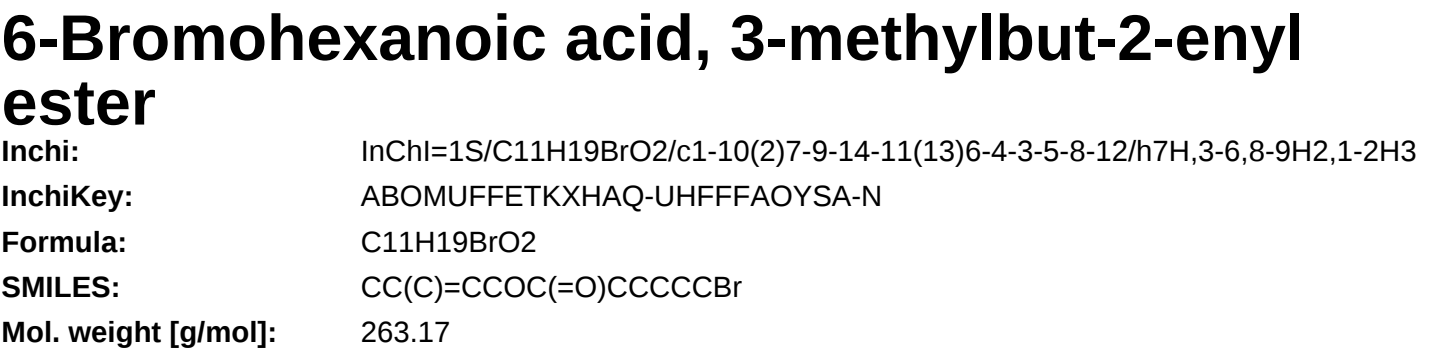




Physical Properties

Property code	Value	Unit	Source
gf	-106.19	kJ/mol	Joback Method
hf	-381.41	kJ/mol	Joback Method
hfus	31.21	kJ/mol	Joback Method
hvap	55.71	kJ/mol	Joback Method
log10ws	-3.57		Crippen Method
logp	3.451		Crippen Method
mcvol	186.490	ml/mol	McGowan Method
pc	2263.26	kPa	Joback Method
tb	597.57	K	Joback Method
tc	791.27	K	Joback Method
tf	326.65	K	Joback Method
vc	0.719	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	441.63	J/mol×K	597.57	Joback Method
cpg	455.62	J/mol×K	629.85	Joback Method
cpg	468.92	J/mol×K	662.14	Joback Method
cpg	481.53	J/mol×K	694.42	Joback Method
cpg	493.49	J/mol×K	726.70	Joback Method
cpg	504.82	J/mol×K	758.99	Joback Method
cpg	515.57	J/mol×K	791.27	Joback Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U299287&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

cpg:	Ideal gas heat capacity
gf:	Standard Gibbs free energy of formation
hf:	Enthalpy of formation at standard conditions
hfus:	Enthalpy of fusion at standard conditions
hvac:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume

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