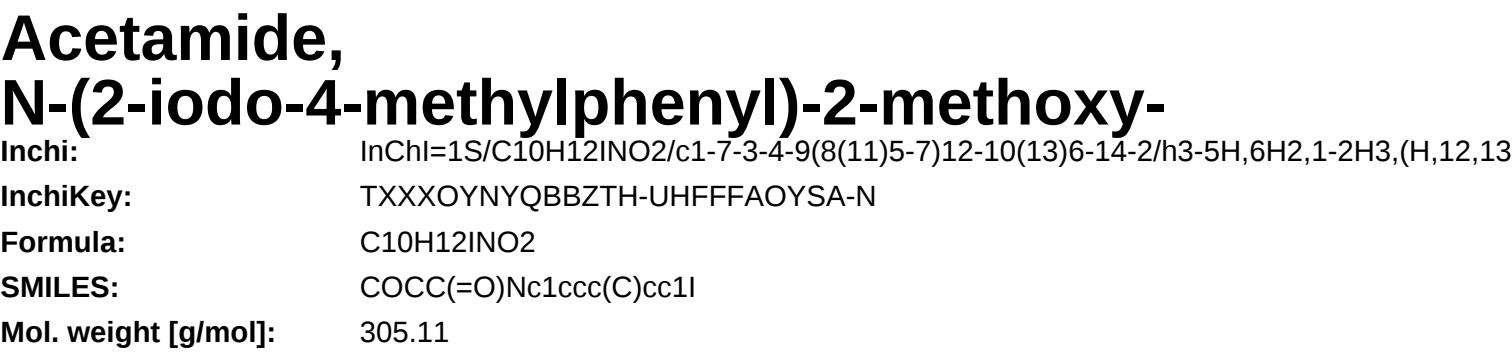




Physical Properties

Property code	Value	Unit	Source
gf	40.06	kJ/mol	Joback Method
hf	-150.60	kJ/mol	Joback Method
hfus	27.21	kJ/mol	Joback Method
hvap	66.42	kJ/mol	Joback Method
log10ws	-2.80		Crippen Method
logp	2.185		Crippen Method
mcvol	171.240	ml/mol	McGowan Method
pc	2953.69	kPa	Joback Method
rinpol	1946.00		NIST Webbook
rinpol	1946.00		NIST Webbook
tb	684.44	K	Joback Method
tc	924.68	K	Joback Method
tf	436.80	K	Joback Method
vc	0.634	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	392.48	J/mol×K	684.44	Joback Method
cpg	404.33	J/mol×K	724.48	Joback Method
cpg	415.32	J/mol×K	764.52	Joback Method
cpg	425.50	J/mol×K	804.56	Joback Method
cpg	434.87	J/mol×K	844.60	Joback Method
cpg	443.48	J/mol×K	884.64	Joback Method
cpg	451.34	J/mol×K	924.68	Joback Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=U307263&Units=SI

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
hvap:	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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume

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