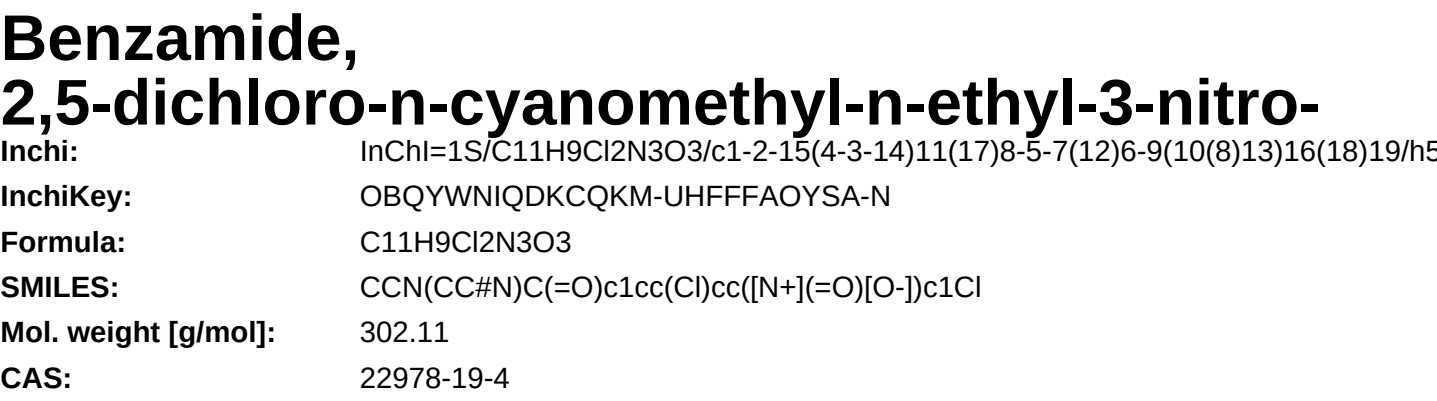




Physical Properties

Property code	Value	Unit	Source
gf	251.99	kJ/mol	Joback Method
hf	9.34	kJ/mol	Joback Method
hfus	43.00	kJ/mol	Joback Method
hvap	88.97	kJ/mol	Joback Method
log10ws	-4.34		Crippen Method
logp	2.887		Crippen Method
mcvol	196.920	ml/mol	McGowan Method
pc	2465.36	kPa	Joback Method
tb	887.79	K	Joback Method
tc	1135.95	K	Joback Method
tf	628.55	K	Joback Method
vc	0.773	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	505.71	J/mol×K	887.79	Joback Method
cpg	513.64	J/mol×K	929.15	Joback Method
cpg	520.81	J/mol×K	970.51	Joback Method
cpg	527.27	J/mol×K	1011.87	Joback Method
cpg	533.07	J/mol×K	1053.23	Joback Method
cpg	538.28	J/mol×K	1094.59	Joback Method
cpg	542.94	J/mol×K	1135.95	Joback Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C22978194&Units=SI
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

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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume

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