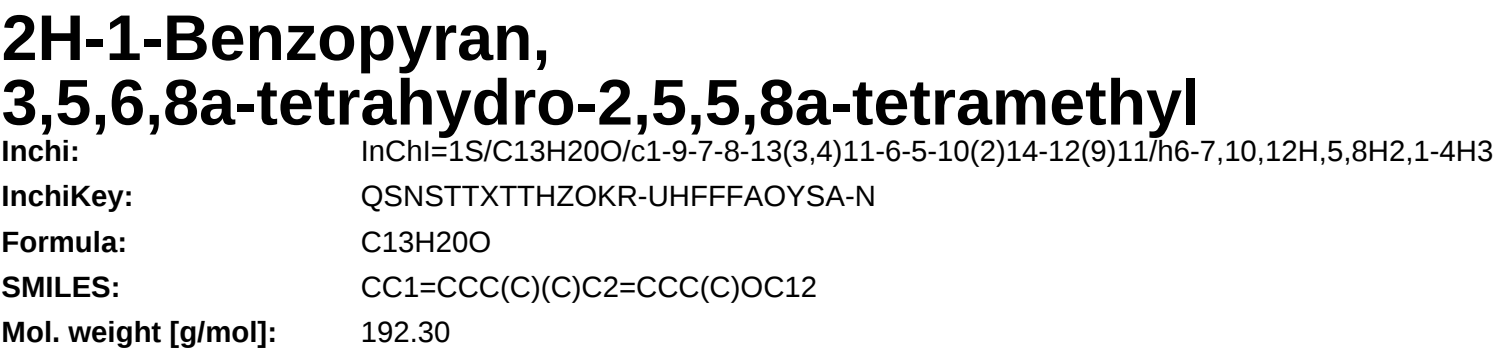




Physical Properties

Property code	Value	Unit	Source
gf	73.02	kJ/mol	Joback Method
hf	-235.17	kJ/mol	Joback Method
hfus	21.71	kJ/mol	Joback Method
hvap	50.00	kJ/mol	Joback Method
log10ws	-3.83		Crippen Method
logp	3.466		Crippen Method
mcvol	169.580	ml/mol	McGowan Method
pc	2354.20	kPa	Joback Method
rinpol	1279.00		NIST Webbook
rinpol	1296.00		NIST Webbook
rinpol	1279.00		NIST Webbook
ripol	1484.00		NIST Webbook
tb	558.20	K	Joback Method
tc	783.25	K	Joback Method
tf	330.86	K	Joback Method
vc	0.635	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	433.56	J/mol×K	558.20	Joback Method
cpg	453.90	J/mol×K	595.71	Joback Method
cpg	472.97	J/mol×K	633.22	Joback Method
cpg	490.91	J/mol×K	670.73	Joback Method
cpg	507.85	J/mol×K	708.23	Joback Method
cpg	523.95	J/mol×K	745.74	Joback Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.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=R491046&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
ripol:	Polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume

Latest version available from:

<https://www.cheméo.com/cid/22-685-7/2H-1-Benzopyran-3-5-6-8a-tetrahydro-2-5-5-8a-tetramethyl.pdf>

Generated by Cheméo on 2025-12-05 14:36:03.722428727 +0000 UTC m=+4693561.252469380.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.