

4,7-Methano-1H-indene, 1,2,3,4,5,6,7,8,8-nonachloro-2,3,3a,4,7,7a-hexahydro-

Other names:	4,7-Methanoindan, 1,2,3,4,5,6,7,8,8-nonachloro-3a,4,7,7a-tetrahydro- Arbinex ENT 27005 Nonachlor 48CS104
Inchi:	InChI=1S/C10H5Cl9/c11-3-1-2(4(12)5(3)13)9(17)7(15)6(14)8(1,16)10(9,18)19/h1-5H
InchiKey:	OCHOKXCPKDPNQU-UHFFFAOYSA-N
Formula:	C10H5Cl9
SMILES:	<chem>C1C1=C(Cl)C2(Cl)C3C(Cl)C(Cl)C(Cl)C3C1(Cl)C2(Cl)Cl</chem>
Mol. weight [g/mol]:	444.22
CAS:	3734-49-4

Physical Properties

Property code	Value	Unit	Source
gf	51.78	kJ/mol	Joback Method
hf	-200.29	kJ/mol	Joback Method
hfus	38.64	kJ/mol	Joback Method
hvap	73.85	kJ/mol	Joback Method
log10ws	-6.60		Crippen Method
logp	5.900		Crippen Method
mcvol	225.040	ml/mol	McGowan Method
pc	2224.99	kPa	Joback Method
tb	776.05	K	Joback Method
tc	1055.67	K	Joback Method
tf	598.34	K	Joback Method
vc	0.875	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	485.89	J/mol×K	776.05	Joback Method
cpg	498.68	J/mol×K	822.65	Joback Method
cpg	513.14	J/mol×K	869.26	Joback Method
cpg	529.95	J/mol×K	915.86	Joback Method

