

Mercury, chlorophenyl-

Other names:	Agrenal Agronal Benzene, (chloromercurio)- Chlorophenylmercury Hexason Merfazin Mersolite 2 Phenyl chloromercury Phenylmercuric chloride Phenylmercury chloride PMC Phenylmercury(II) chloride Benzene, (chloromercuri)- Chlorid fenylrtutnaty (Chloromercuri)benzene Fenylmercurichlorid Mercuriphenyl chloride Phenylquecksilberchlorid Stopspot Mercutal Monophenylmercury chloride PMC (fungicide)
Inchi:	InChI=1S/C6H5.ClHg/c1-2-4-6-5-3-1;;/h1-5H;1H;/q;+1/p-1
InchiKey:	AWGTVRDHKJQFAX-UHFFFAOYSA-M
Formula:	C6H5ClHg
SMILES:	Cl[Hg]c1ccccc1
Mol. weight [g/mol]:	313.15
CAS:	100-56-1

Physical Properties

Property code	Value	Unit	Source
hfs	3.50 ± 6.20	kJ/mol	NIST Webbook
hfs	-3.50 ± 3.70	kJ/mol	NIST Webbook
hfs	0.00 ± 3.50	kJ/mol	NIST Webbook
ie	9.10	eV	NIST Webbook
ie	9.40 ± 0.05	eV	NIST Webbook

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C100561&Units=SI>

Legend

hfs: Solid phase enthalpy of formation at standard conditions

ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/70-577-4/Mercury-chlorophenyl.pdf>

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