

# Bis(cyclopentadienyl)ytterbium chloride

**Inchi:** InChI=1S/2C5H5.ClH.Yb/c2\*1-2-4-5-3-1;;/h2\*1-5H;1H;/q;;;+1/p-1  
**InchiKey:** VVFYDSV FUBQRLX-UHFFFAOYSA-M  
**Formula:** C10H10ClYb  
**SMILES:** Cl[Yb]12345678(C9C1C2C3C94)C1C5C6C7C18  
**Mol. weight [g/mol]:** 338.69  
**CAS:** 42612-73-7

## Physical Properties

Property code	Value	Unit	Source
ie	8.70 ± 0.10	eV	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C42612737&Units=SI>

## Legend

**ie:** Ionization energy

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