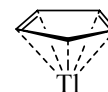


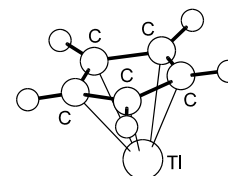
633  
MW

 $\text{C}_5\text{H}_5\text{Tl}$ 
**Cyclopentadienylthallium(I)**  
 $(\eta^5\text{-}2,4\text{-Cyclopentadien-1-yl})\text{thallium(I)}$ 
 $\text{C}_{5v}$ 


$r_0$	$\text{\AA}$	$\theta_0$	deg
Cp...Tl <sup>a)</sup>	2.4134(28)	$\varphi$ <sup>b)</sup>	0.89(19)
C–C	1.421(11)		
C–H	1.082(9)		

$r_s$	$\text{\AA}$	$\theta_s$	deg
Cp...Tl <sup>a)</sup>	2.409(2)	$\varphi$ <sup>b)</sup>	1.20(2)
C–C	1.424(2)		
C–H	1.080(2)		


<sup>a)</sup> Cp denotes the five-carbon ring plane.

<sup>b)</sup> C–H out-of-plane angle from the ring plane, away from Tl.

 Drouin, B.J., Cassak, P.A., Briggs, P.M., Kukolich, S.G.: J. Chem. Phys. **107** (1997) 3766.

 Replaces [II/25D \(3, 1955\)](#)