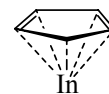


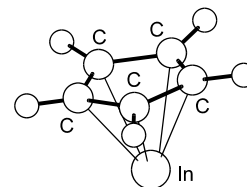
630  
MW

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


$r_0$	$\text{\AA}$
Cp...In <sup>a)</sup>	2.314(4)
C–C	1.426(6)
C–H	1.106 <sup>c)</sup>

$\theta_0$	deg
$\varphi$ <sup>b)</sup>	4.5 <sup>c)</sup>

$r_s$	$\text{\AA}$
Cp...In <sup>a)</sup>	2.312(2)
C–C	1.424(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 In.

<sup>c)</sup> Assumed.

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

[II/25D \(3, 1942\)](#)