

trans-Dichloro-bis(triphenylphosphine)-nickel(II)

Experimental

Chemical Formula	C ₃₆ H ₃₀ Cl ₂ NiP ₂
Sample presentation	0.7 mm borosilicate glass capillary
Diffractometer	Bruker AXS D8 Advance $\theta/2\theta$, 2 kW
Monochromator	Primary focusing, Ge 111, $2\theta_{\text{mono}} = 26^\circ$
Geometry	Transmission
λ	CuK α_1 , 1.54056 Å
Detector	PSD system Braun OED-50M
Temperature / K	293

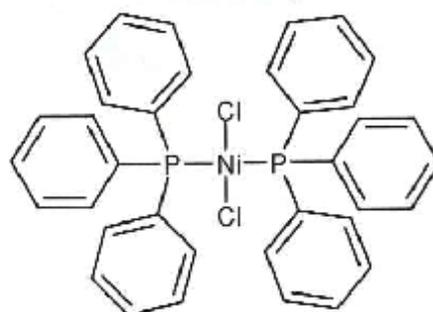
Diffraction data

Filename	pd_0013.xye
Data range / $^\circ 2\theta$	5-65
Step size / $^\circ 2\theta$	0.0145
Count time / seconds	10
Total data collection time / hours	ca.10

Crystallography

Space group	<i>P2₁/c</i>		
Approximate lattice parameters / Å, $^\circ$	11.638	8.197	17.388
	90	107.03	90

Connectivity



Citation

Use of the Data should acknowledge the following citation:

A.J. Florence, N. Shankland, K. Shankland, W.I.F. David, E. Pidcock, X. Xu, A. Johnston, A.R. Kennedy, P.J. Cox, J.S.O. Evans, G. Steele, S.D. Cosgrove & C.S. Frampton (2005). Solving molecular crystal structures from laboratory X-ray powder diffraction data with DASH: the state of the art and challenges, *Journal of Applied Crystallography*, 38, 249-259.

Acknowledgement

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Other information