

substance: (transition metal)(V)₂ compounds

property: crystallographic data for the PdP₂-type compounds with square-planar cation coordination

See also document .

(C_{2h}⁶ – C2/c; Z = 4) (RT values)

Compound	<i>a</i> [Å]	<i>b</i> [Å]	<i>c</i> [Å]	<i>β</i> [°]	Ref.
NiP ₂	6.3659	5.6152	6.0715	126.224	61R
PdP ₂	6.7771	5.8563	6.2063	126.427	61R
	6.779 ^{a)}	5.857	6.207	126.4	63Z
PdPAs	6.88	6.03	6.41	126.1	63H

^{a)} Data given for space group I2/a (*a'*, *c'*) were transformed to C2/c (*a*, *c*): *a* = *a'* + *c'*; *c* = – *a*.

References:

- 61R Rundqvist, S.: Acta Chem. Scand. 15 (1961) 451.
63H Hulliger, F.: Nature (London) 200 (1963) 1064.
63Z Zachariasen, W. H.: Acta Cryst. 16 (1963) 1253.