

substance: (transition metal)(V)₂ compounds

property: interatomic distances and bond angles for the PdP₂-type compounds

See document .

(RT values)

Compound	T-4P [Å]	T-2T [Å]	P-2P [Å]	P-P-P [°]	P-T-P [°]	T-P-T [°]	Ref.
NiP ₂	2.205 (2 ×)	3.036	2.219	99.66	89.18	128.58	64L
	2.208 (2 ×)		2.221		90.82		
PdP ₂	2.335 (2 ×)	3.104	2.201	102.0	88.9	125.0	63Z
	2.341 (2 ×)		2.224		91.1		

References:

- 63Z Zachariasen, W. H.: Acta Cryst. 16 (1963) 1253.
64L Larsson, E.: Arkiv Kemi 23 (1964) 335.