

**substance: (transition metal)(V)<sub>2</sub> compounds**

**property: interatomic distances in pyrite- and pararammelsbergite-type transition element dipnictides**

(RT values)

Compound	T-6X [Å]	X-X [Å]	Ref.
PdAs <sub>2</sub> *)	2.498	2.426	65F
PdSb <sub>2</sub> *)	2.671	2.89	65F
PtP <sub>2</sub>	2.401	2.09	65F
	2.386	2.22	74B
	2.391	2.172	69D
PtAs <sub>2</sub>	2.490	2.42	65F
	2.494	2.38	68S
PtSb <sub>2</sub>	2.669	2.79	65F
PtBi <sub>2</sub> (h <sub>l</sub> *)	2.771	3.00	65F
NiAs <sub>2</sub> (r)	2.25...2.46	2.46	68S
	(av. 2.38)		
	2.355...2.415	2.449	79K
	(av. 2.379)		
Ni <sub>0.94</sub> Co <sub>0.06</sub> As <sub>1.86</sub> S <sub>0.14</sub>	2.359...2.415	2.432	72F
	(av. 2.372)		
PtBi <sub>2</sub> (r)	2.742...2.771	3.018	80B
	(av. 2.760)		

\*) Metallic.

## References:

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