substance: (transition metal)$(V)_2$ compounds
property: interatomic distances for binary arsenopyrite-type phases of transition element dipnictides

(The shortest non-bonding T – T and X – X distances are added for comparison (RT values).)

Compound	T–6X [Å]	T–T [Å]	X–X [Å]	Ref.
$CoAs_2$	2.29...2.42	2.77	2.45	66D
		3.47	3.00	
	2.310...2.414	2.780	2.462	71K
		3.476	3.146	
$CoSb_2$	2.48...2.66	3.04	2.82	61Z (71K)
		3.72	3.55	
	2.505...2.607	3.01	2.857	81S
		3.74	3.282	
RhP_2	2.30...2.44	2.68	2.24	71K
		3.72	3.00	
$RhAs_2$	2.39...2.52	2.83	2.49	71K
		3.77	3.21	
$RhSb_2$	2.53...2.73	3.03	2.84	61Z (71K)
		3.91	3.57	
α-$RhBi_2$	2.64...2.83	3.23	3.00	61Z (71K)
		3.95	3.77	
IrP_2	2.29...2.45	2.75	2.25	71K
		3.78	2.99	
$IrAs_2$	2.39...2.53	2.86	2.48	71K
		3.87	3.20	
$IrSb_2$	2.53...2.74	3.06	2.81	61Z (71K)
		4.07	3.54	

References:

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