

Аи-литературе заге

KrAuF₆ (16)

1975

Xe₂F₃AuF₆

Holloway G. H.
et al.

спектр КР

J. Chem. Soc. Chem.

Commun 1975

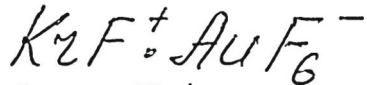
N 15, 623-24.

разложение

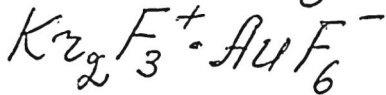
длина волны

Kr.

(см. AuF₅; III)



1984



Desbat B., Yeh S.

Ann. Chim. (Paris)

сепруктура,
СКР.

1984, 9(6), 655-8.

(сеп. K_2F_2 ; I)

AuAr

Om 38810

1997

127: 240412v Photoionization spectroscopy of Au-Ar. Knight, A. M.; Stangassinger, A.; Duncan, M. A. (Department of Chemistry, University of Georgia, Athens, GA 30602 USA). *Chem. Phys. Lett.* 1997, 273(3,4), 265-271 (Eng), Elsevier. Resonant photoionization spectroscopy probes the new metal van der Waals complex Au-Ar. Band systems obsd. near 270 nm and 245 nm correlate to the spin-orbit components ($^2P_{1/2}-^2S$ and $^2P_{3/2}-^2S$) of the Au (6p-6s) at. transition. Extrapolated vibronic progressions yield the excited state convergence energy, which is combined with the at. asymptote to yield the ground state bond energy, $D_0'' = 130 \pm 15 \text{ cm}^{-1}$. Lower limits for the excited state binding energies are $D_0'(^2\Pi_{1/2}) \geq 338 \text{ cm}^{-1}$ and $D_0'(^2\Pi_{3/2}) \geq 654 \text{ cm}^{-1}$. The ionization potential is $\leq 9.208 \text{ eV}$. Au-Ar is compared to the Cu-RG and Ag-RG complexes studied previously.

(D_0, Y)

C.A. 1997, 127, N18