

1968

$$\underline{\text{Se } F_3^+}$$

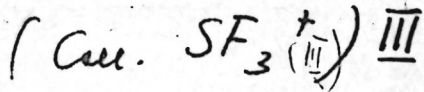
Evans J. A., Long D. A.

J. Chem. Soc., A, 1971, 1688

$$v_i$$

Косебай ельные шишоры,  
келбиксауионного рас-  
саянсы келоморых  
келмеленков, отражан-  
нык. Тетрафилорига-  
ли Феленевиков IV  
группы и. келмелен-

фторид сурь-  
мы и мышьяка.



$\text{SeF}_3$

1981

Соловьев В.Т. и др.

кв. мех.  
раств.

Ис. структур

сис. пост.,

1981, 22, 11, 155-157.

И геометрия.

ср. п.

(сис.  $\text{BF}_3$ ; III).

SeF<sub>3</sub>

1986

105: 32061y Free jet infrared absorption spectroscopy of the  $\nu_3$  band of selenium hexafluoride. Takami, Michio (Inst. Phys. Chem. Res., Wako, Japan 351-01). *J. Chem. Phys.* 1986, 84(1), 73-7 (Eng). The  $\nu_3$  band of SeF<sub>6</sub> was studied at a low rotational and vibrational temp. by using a tunable diode laser. IR absorption in pulsed supersonic free jet of SeF<sub>6</sub> was obsd. by phase-sensitive detection synchronized with the pulse frequency. Vibration-rotational lines of 5 isotopic species, <sup>76</sup>SeF<sub>6</sub>, <sup>78</sup>SeF<sub>6</sub>, <sup>80</sup>SeF<sub>6</sub>, <sup>77</sup>SeF<sub>6</sub>, and <sup>74</sup>SeF<sub>6</sub> were measured between 776 and 790 cm<sup>-1</sup> with a Doppler-limit resolu. Five mol. consts.,  $\nu_3$ , B<sub>3</sub>, B<sub>3</sub><sup>2</sup>,  $\alpha_{220}$ , and  $\alpha_{224}$  were detd. for each isotopic species. Isotope shift for the  $\nu_3$  band is -1.61 cm<sup>-1</sup>/amu.

( $\nu_3$ , all. n.)

C.A. 1986, 105, n4