

Pu - S, Se, Te

VIII 1617

1955

LaS, LaSe, LaTe, CeS, CeSe, CeTe,
PrS, PrSe, PrTe, NdS, NdSe, NdTe
(χ_{xy})

Iandelli A.,
Gazz. chim. ital.,

1955, 85, 881-887

ОТБ Ф. Н.

Me

Palex, 1956, N10, 28264

VIII - 3573

1969

PrS

D₀⁰

95680z. Mass spectrometric determination of dissociation energies of PrS, GdS, and PrO. Fries, James A.; Cater, E. David (Univ. of Iowa, Iowa City, Iowa). *U.S. At. Energy Comm.* 1969, COO-1182-27, 43 pp. (Eng). Avail. Dep.; CFSTI. From *Nucl. Sci. Abstr.* 1969, 23(14), 26213. The disocn. energies of the gaseous mols. PrS, GdS, and PrO were detd. by means of isomol. equil. studies, by using as reference values $D_0^0(\text{YS}) = 125.7 \pm 3.0$ and $D_0^0(\text{YO}) = 171.8 \pm 4.0$ kcal./mole. Ames, *et al.* (1967) previously detd. the disocn. energy of PrO, and a comparison of results was made in an attempt to arrive at a best value. A mass spectrometric study of GdS and an earlier study of Pr₃S₄ also allow calcn. of the gaseous disocn. energies of GdS and PrS. Results of these various studies are described, and best values of the disocn. energies are reported. TCNG

C.A. 1969. 71. 20

+4



$M_2 S_3$ (ч.к. секрет)

8 86

1969

$M = La, Pr, Nd, Sm, Gd, Dy,$
 $Yb, Y.$

VIII 35 19

Кузцова Г.Н.; Обмержина К.И.;
Касмарзин А.А.; Ющев Е.В.; Дербене-
ва С.С.; Бауанов С.С.

ЖЕ. структ. хим. 1969, 10(4), 609-12

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ческие постоянные и химичес-
ские связи в перхлоратных сульфид-
ах

13

СА, 1969, № 22, 1070/7а

Pr Se

ammuer 3131

1970

Pr Te

Bergman C, et al.
Trans. Far. Soc.

1970, N 568, 66, Part 4,
800-808

(Do)

$\text{HS}; \text{BeS}; \text{MgS}; \text{CaS}; \text{SrS}; \text{BaS}; \text{BS}; \text{AlS};$
 $\text{CS}; \text{SiS}; \text{GeS}; \text{SnS}; \text{PbS}; \text{NS}; \text{PS}; \text{AsS}; \text{SbS};$
 $\text{BiS}; \text{OS}; \text{Sg}; \text{SeS}; \text{TeS}; \text{FS}; \text{ScS}; \text{TiS}; \text{CuS};$
 $\text{ZnS}; \text{VS}; \text{CrS}; \text{MnS}; \text{FeS}; \text{CoS}; \text{NiS}; \text{ZnS}; \text{GaS};$
 $\text{LaS}; \text{CeS}; \text{PrS}; \text{NdS}; \text{EuS}; \text{GdS}; \text{HoS}; \text{LuS}; \text{AuS}; \text{AgS};$
 $\text{NS}; \text{HS}; \text{NS}; \text{PS}; \text{AS}$

Do, 1971
 M.H. 1

(0030p) ~~1013~~
 VII 5915 - BP

Barrow R.F. Cousins C.
 Adv. High Temp. Chem. Vol. 4, New-York
 - London, 1971, 161-170 (ann.)
 Spectroscopic properties of the gase-
 ous diatomic sulfides.

Pot. Lum, 1974, 45117
 10 14 mhr
 2016 cp-K

Pr_2S_3

1972

Kutolins S.A., Samoilova E.N.,
Belova L.F. u gp.

Culcip.

Zh. Strukt. Khim. 1972,
13(2), 245-250.

Cell La_2S_3 ; III

SCS, YS, LaS, PrS, GdS, ZrS, 1973
US, UO, PrO, UOS ($\Delta H_f, \Delta H_s, \Delta S_f, \Delta S_o$)
UO, UO₂ (Vi, cur. norm.) VII 5944 ~~2~~
La₃S₄, Pr₃S₄, LaS, PrS, SCS, YS,
ZrS, UOS, UO₂ (фазов. равновесие).

Cater E.D.

Report 1973, COO-1182-36, 33pp, (Eng).

3 High-temperature physical chem.
Technical progress report, May 15,
1971-May 14, 1972, and final report.

Рч. 5

ВФ 5511-VIII

1973

Гордиенко С.П.

До

Резкомизм М. Физ.
химии АН СССР

М, N 6985-73 деп. от
9 8-73

$PuSe$

оттиск 2795

1974

в химической связи в
моносистемах рифоциальных
металлов цезиевой подгруппы.
Лысенко А.А.

До
термин.
дискоз.

В. сб. "Химический" Вып. 3.
Киев "Наук. думка", 1974, 92-98

Pr Se

(ΔH_s , ΔH_{atom}
D°)

Nagai Shuichiro 1974

Shinmei Masahiro

J. Inorg Nucl Chem

1974, 36(8) 1904-5 (eng)

(cu Eu S; III)

S - Pz

OST. 4224

1975

Lerr J. A., et al.

(26) Handbook Chem. Phys.,
55th Ed., 1974-75.

$P_{22} S_3$

и.к.

Роман спектр.

Barrier Suzanne. 1976
J. Chim Phys Phys-Chim
Biol 1976, 73 (5) 580-2 (F2)

(см $\Delta a_2 S_3$; iii)

$\text{Pr}_2\text{S}(l)$, D_0 $\text{Pr}_2\text{S}(u)$ ~~$\text{Pr}_2\text{S}_4(u)$~~ , $\text{Pr}_2\text{S}_3(u)$ 1979
Cater E.D., Mueller B.H., Fries J.A.

Congruent vaporization and thermodynamics in the praseodymium-sulfur system.

10th Materials Research Symposium
on characterization of High Temperature
Vapors and Gases.
NBS' Special Publication 561
Volume 1, 1979; 237-264.
14 typewritten

$\text{Pr}_2(\text{SO}_4)_3$

(omnica 12284) 1981

Al Omer S.S., Ital.

инерт

нормал.

в фрактаве
соед.

Thermochim. acta,
1981, 49, 259-67

$P_2(SO_3Cl)_3$ [om. 21328] 1985

Zaidi S.A.A., Zaidi S.R.A.,
et al.,

Polyhedron, 1985, 4, n3,
365-368.

синтез,
колебат.
спектр,
магнитн.
момент,
электроф.
спектр.
данные