

Mg-S

MgS₄O₆

BSP-1361-IX

1963

Zeeomte g; et. al.

Comp. Rend. 1963

(β ; cipysis)

257,326 - 9

длг \$2

1976

Чапкин О.П. угр.

М. неопр. Холл. 1976.

21, 18, 2022-9.

(проверка)
от. склп)

(Ллл. βFe) II

1976

allg S¹

allg OS¹

(paleoform)
m. allg.)

Peschob all. A. u gp.

124K. gen. 6 ВИХУТИ
3685 - 7C DEN

(acc. BeF) III

MgS₂

Ryabov M. A, et al. 1977

кб. мес.

Zh. Fiz. Khim. 1977,

51(3) 770 (Russ)

(an Be F. III)



Mg SH
Mg SH⁺
Mg(SH)₂
K₂[Mg]
picrate

Summer 7042 1978
Pappas, Yan A.
J. Am. Chem. Soc. 1978,
100(19), 6023-7

cat. Li SH-III

Mg₂S

Омск 14324

1982

Martir R.P., Schaber
H.,

спектр
в
макропризе

Spectrochim. acta,
1982, A 38, N 6, 655-
660.

MgS₂

[Umnuck 14384]

1982

Martin T. R., Schaber

J.,

стекло

6

маятнице

Spectrochim. acta,

1982, A 38, N 6, 655-
-660.

SAlgS

(Om. 27553)

1987

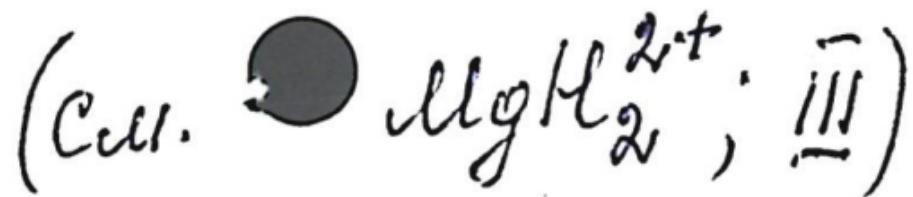
Эюбина Т.С., Чаркин О.Г.,
Эюбин А.С.,

Струк-
туро-
стабильн.

ИС. МЕОРОДАС. ХУСЕИН,
1987, 32, № 11, 2616 -
- 2624.

SMgH_2 Sinanidis E. D., 1991
Nicolaides C. A.

U. n. Chem. Phys. Lett. 1991.
185. N 5-6. c. 529-534.



Mg_2S_2

Mg_3S_3

Керампир,
их супук.
и геморуб.

1992

Al-Laham Moham-
mad A., Trucks Gary W.
et al.

J. Chem. Phys. 1992,
96, N2.C. 1137-1149.

(суп. Al_nP_n ; II)

HSllg H₂

FSllg H₂

Дюбина Т. С.
Чаркин О. Г.

1992

ab initio
precise

Ж. Неорган. химии.
1992. № 1, № 2. 865–
–871.

(Ces. ● KCOBH₂; III)

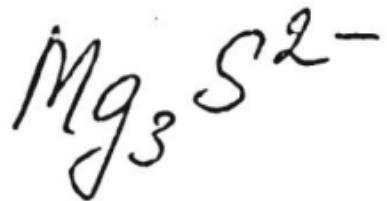
Mg₄S₄

1993

Al-Yahya Mohammed
A., Raghavachari K.

еерукм., J. Chem. Phys. 1993,
сийадиевн., 98 (11), 8770 - 6.
meop.
paerim

(ccl. Ba₄As₄; II)

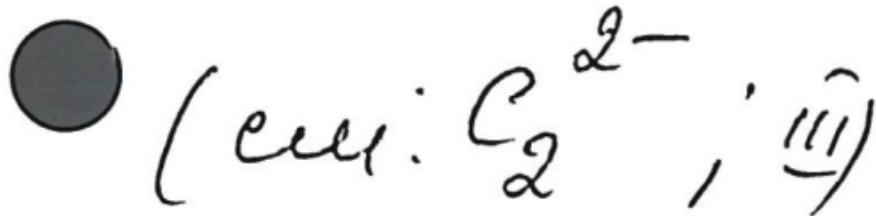


1993

Boldyrev A.I.,
Simons J.

u.n..

J. Chem. Phys. 1993, 98,
N6. C. 4745 - 4752.



$SMgS^{2-}$

1993

Bolyer A.I.,
Simons J.

M.N.J. Chem. Phys. 1993, 98,
N6.C. 4745 - 4752.



MgS^{2-}

1993

Boldyrev A. I.,
Simons J.

et al. J. Chem. Phys. 1993.

98, N 6, C. 4745-4782.



Al94S₄

(OM-38410)

1993

Mohammad A. Al-Zaham
and Krishnam Raghavarachari,

(U.N.) J. Chem. Phys., 1993, 98
(11), 8770 - 8776

Mg34

[Om. 40693] 2001

NU-PORUBOVÁ
CERKNA

Amine Taleb-ber-
diab, Darren Cho-
nick,

Chem. Phys. Lett.
2001, 334, 195-199

2001

F: MgSH

P: 3

134:258585 Millimeter-wave spectrum of MgSH. Taleb-Bendiab,
A.; Chomiak, D. Stencie-Institute for Molecular Sciences, National
Research Council of Canada, Ottawa, ON, Can. Chem. Phys. Lett.
(2001), 334(1,2,3), 195-199. in English.

The pure rotational spectrum of MgSH was obse. for the 1st time, using millimeter-wave absorption spectroscopy in the 280-365 GHz region. This short-lived gas phase free radical was produced in a high-temp. cell by the reaction of Mg metal vapor with H₂S in the presence of an elec. discharge. The spectrum was analyzed using an S-reduced asym. rotor Hamiltonian to obtain mol. parameters, including rotational, centrifugal distortion, and spin-rotation consts. The anal. of the spectrum indicated that MgSH is bent, in agreement with an ab initio calcn. The Mg-S-H angle obtained from the anal. was $87.5 \pm 6.7^\circ$, as compared to a calcd. ab initio value of 91.1° .