Hg-C-Seeg

У 1731/29

[redacted]

$2/(C_2H_5)_2S/\cdot 3HgCl_2$;) Tm

$/(C_2H_5)_2S/\cdot 2HgCl_2$;)

$(C_2H_8O)_2SCl$; $(C_2H_8O)_2SCl_2$ (Tb)

~~Kretov A.E.~~ Кретов А.Е.

~~J.Russ. Phys.-Chem. Soc.~~; 1929, 61, 2345-84 Ж. русск. физ.-хим. об-ва

The action of zinc...

Be

$Hg_2C_4S_2O_4K_8$

[redacted]

Есть 2. 16

1

V 1733

1930

$/(C_2H_5)_2S/_2HgI_4$ (Tm)

$(C_2H_5)_3SHgI_3$ (Tm)

Prafulla Chaudra Ray, Nadiabehari Adhikary

J. Indian Chem. Soc., 1930, 7, 297-303

Complexes of mercuric iodide with alkyl sulfonium iodides.

CA, 1930, 4725

Be. F

V 1727

1933

CH_3HgN_3; CH_3HgO_2CH;

$(CH_3Hg)_2S$ (Tm)

Perret A., Rerrot R.

Helv., Chim. Acta 1933, 16, 848-57

Some mercuric methyl derivatives.

CA., 1933, 4772

Be.

F

V 1725

1938

$(CH_3S)_2Hg$

$C_2H_5SHgCl.HgCl_2$ (Tm)

Blackburn S., Challenger F.
J.Chem. Soc., 1938, 1872-8

Formation of organo-metalloidal and similar compounds by microorganisms. Further studies on the fission of the disulfide link.

CA.,1939, 12653

Be. F

~~5015~~ VI 3653 1942

$HSCH_2CH_2SH$ (Tb). $(SCH_2CH_2S)Hg$.
$(SCH_2CH_2S)Pb$ (Topaze)

Mathias S.
Bols.facultade filosofia, ciens.letras.
Univ.Sao Paulo 14, Quimica N1, 75-140
1942
Dimercaptans and...

Be

$Hg_2C_2S_2H_4$

V 1729 1952

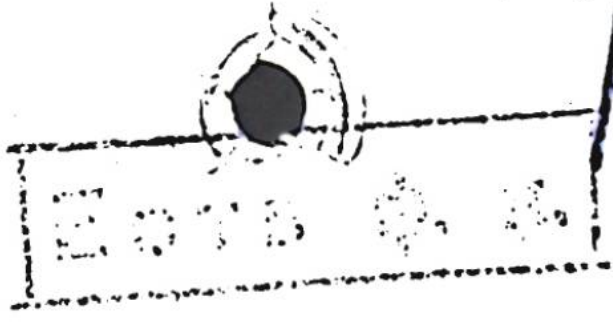
5015

$(CF_3)_2S_2$. $(CF_3)_2S$ (Tb. Hv). $(CF_3S)_2Hg$ (Tm)

Brandt G.R.A., Emeleus H.J., Haszeldine R.N.
J.Chem.Soc., 1952, 2198-205

Organometallic and...

Be



$H_2C_2S_2F_6$ 1

ВР V 1728 1954

$Hg(SCH_2COOH)_2$ (K ; H, S)

Strücks W., Kolthoff I.M., Heyndrickx A.
J.Amer. chem. Soc., 1954, 76, N 6, 1515-19

Formation and properties of various mercuric mercapto thioglycolates formed in reactions between mercuric mercury and thioglycolic acid

РЖХ., 1956, N 2, 3644

Ja. Est.fotok.

~~$Ca C_2H_2(OH)_2$~~ | BP XVI-2874 | 1975

$Hg C_2H_2(OH)_2$

$Ag_2 C_2H_2(OH)_2$

Kc, ΠP, ΔG_f, ΔH_f, ΔS_f;

Saxena R.S., Bhatia S.K., J. Indian Chem. Soc., 1975, 52, N 9, 785-87

Hg-C-

$Hg(SCF_3)_2$ (Tb, Tm)

V 1730

1959

Man E.H., Coffman D.D., Muetterties E.L., J. Amer. Chem.,Soc., 1959, 81, N 14, 3575-77

Synthesis and propertiesof bis-(trifludomethylthio) - mercury.

PJX.,1960, 13504

Be.

Est.fotok.

V 1726

1958

$(CH_3Hg)_2S$ (Tm)

Grdenic D., Markusic B.
J.Chem. Soc., 1958, June, 2434-35

Trismethylmercurisulphonium nitrate and dichromate.

PJX., 1959, n 1345

Be.

Est. Fotbc.

V 1730

1959

$Hg(SCF_3)_2$ (Tb, Tm)

Man E.H., Coffman D.D., Muetterties E.L., J. Amer. Chem. Soc., 1959, 81, N 14, 3575-77

Synthesis and propertiesof bis-(trifludomethylthio) - mercury.

PJX., 1960, 13504

Be.

Est. fotok.

1964

V 828

$Tm(Zn(ClO_4)_2 \cdot 4(C_2H_3)_2SO$, $HgCl_2 \cdot (CH_3)_2SO$,

$CoCl_2 \cdot 3(CH_3)_2SO$, $NiCl_2 \cdot 3(CH_3)_2SO$,

$Mn(ClO_4)_2 \cdot 6(CH_3)_2SO$, $Co(ClO_4)_2 \cdot 6(CH_3)_2SO$,

$FeCl_3 \cdot 3(CH_3)_2SO$, $CuCl_2 \cdot (CH_3)_2SO$,

$CuCl_2 \cdot 2(CH_3)_2SO$, $PdCl_2 \cdot 2(CH_3)_2SO$

Selbin J., Bull W.E., Holmes L.H.
J.Inorg. and Nucl.Chem., 1961, 16, N 3-4,
219-224

.etallic complexes of dimethylsulphoxide

..., 1962, 2077

Bc, Ja F

1963

VI-4111

Hg_2X_2 (ΔHf)

X-xanthogenate $(C_2H_5OCS_2)_2$ Hg

Mukai S., Wakamatsu T.,

J.Mining Metallurg.Inst.Japan,1963,79,12-17

Thermodynamic investigation of reaction between mercury and xanthogenate,

M, F. CA,1966;64,N1;75a

3011-VI $(CH_3Hg)_2S$; $(CH_3Hg)_2O$

97031

$(CH_3Hg)_2Se$

CH_3OHg, CH_3SHg, CH_3SeHg (r_{Hg-C} 2,07 r_{Hg-X} 2,3-3,7 Å)

Kesler M.

Croat.Chem.Acta., 1964, 36(3), 165-8

Structural investigations of ...

J

Ржх, 1965, 23Б261

3133-VI

1965

Vi/$(CF_3Se)_2Hg$/ CF_3SHgCl (Kf)

Clase H.J., Ebsworth E.A.V.

J.Chem.Soc., 1965, Febr, 940-47

Some reactions and derivatives of bis (trifluoromethylseleno) mercury.

РЖХ., 1965, 24Б138

J., M.

3450-VI

1965

CH_3HgF, CH_3HgCl, CH_3HgBr, CH_3HgJ, CH_3HgOH,
$(CH_3Hg)_2HPO_4$, $(CH_3Hg)_2S$, CH_3HgS^-, CH_3HgSCN (Kp)

Schwarzenbach G., Schellenberg M.

Helv. chim. acta, 1965, 48, N 1, 28-46

Die Komplexchemic des Methylquecusilber-Kationen

PJX, 1965, 19B54

Ja.

Есть оригинал. orig.

Hg-C-комплексы ВФ-4494-VI 1966

Mercuric complexes in dimethylformamide. Mylene Breant and Nguyen-Van-Kiet (Inst. Natl. Scis. Appl., Villeurbanne, France). *Compt. Rend., Ser. C* 262(12), 955–8(1966)(Fr). A study of the polarographic waves during the oxidn. of Hg in the presence of Cl^-, Br^-, I^-, thiourea, NCS^-, and thioglycolic acid in $HCONMe_2$ revealed the presence of complexes of Hg^{++}. Analysis of the waves and a study of their displacement led to the detn. of the formulas and the dissocn. consts. of the complexes. At an ionic strength of 0.1, the following pK values were found: $Hg(HSCH_2COO)_2$, 39.6; HgI_4^{2-}, 36.6; $HgBr_4^{2-}$, 35.2; $HgCl_4^{2-}$, 22.5; $Hg[SC(NH_2)_2]_4^{2+}$, 26.5; and $Hg(SCN)_4^{2-}$, 22.5. The pK of thioglycolic acid in dimethylformamide at ionic strength 0.1 is 9.25 ± 0.1. D. H. Hutson

Ke

+1

C.A. 1966, 65, 2
1461 ef

$(CH_3)_3SOHgJ_3$ (Im) . VI 4759 1967

$(CH_3)_3S^+$ (сим. коеф.) Б, 10 ср

Greighton J.A., Green J.H., Harrison D.J., Waller S.M.]

Spectrochim. Acta, Part A, 1967, 23(12), 2973-9.

The vibrational spectra of some trimethylsulfonium and trimethylsulfoxonium compounds.

С 1968, 68, №6, 25227 кв

$S(CH_2CH_2OH)_2Hg$

1971

(К стаб.)

$Hg[S(CH_2CH_2OH)_2]$

91921p Thermodynamics of the formation of β-thiodiglycol complexes with mercury(II) ion. Mogilyanskii, A. I.; Sukhova, T. G.; Temkin, O. N.; Flid, R. M. (Mosk. Inst. Tonkoi Khim. Tekhnol. im. Lomonosova, Moscow, USSR). *Zh. Neorg. Khim.* 1971, 16(7), 2017–18 (Russ). The stability consts. are given for complexes of $S(CH_2CH_2OH)_2$ (L) with Hg^{2+} (HgL^{2+}, HgL_2^{+}, HgL_3^{2+} and HgL_4^{2+}). The stability of HgL_2^{+} and HgL_3^{2+} explains the effect of small concns. (0.3–2 wt. %) of L on catalytic activity of the $HgSO_4$–$Fe_2(SO_4)_3$–H_2SO_4 system in hydration of C_2H_2 (1963).

C.A. 1971. 75. 14

$Hg(HSCHCH_3CO_2H)_2$

1972

Комплекс

(Ксад)

Srivastava S.K.
Srivastava P.C
Nigam H.L.

Indian J. Chem" 1972,

10(2), 232-4 (eng)

(смСН-Н-S-C-O)

Ткарт

$Hg(SCN)_2^-$ (aq.) Отпечк 14725 1980

Соловьёв Ю.Н., Гольдзон Ю.Н.

Кр, Ars;

Укр. хим. журн., 1980, 46, N 11, 1129-1134.