

C₂O₂

C₂O₂

Haddon R.C.

1972

(ΔH_f)

"Tetrahedron Lett.",
1972, v37, 3897-3900.

(see C₂H₂, III)

CaDz^+

1977

Rosenstock H. M. et al

J. Phys. Chem. Ref. Data,

T.G. CB-BA 1977, 6. Suppl N1, p 1-269

OC_2O^+

DM 37580

1994

121: 141615d The generation of OC_2O^+ and OC_2O and a study of ionized OC_2O and C_2O by tandem mass spectrometry. Cao, Hongwen; Holmes, John L. (Department of Chemistry, University of Ottawa, Ottawa, ON Can. K1N 6N4). *Int. J. Mass Spectrom. Ion Processes* 1994, 133(2-3), 111-19 (Eng). Three of the less common oxides of C, OC_2O , OC_3O and C_2O , were studied by tandem mass spectrometric methods. Neutralization-reionization (NR) mass spectrometry provided evidence for the possible generation of (hitherto unobserved) stable OC_2O mols. having a lifetime of at least $1\mu s$. Ionized OC_2O and C_2O both produced stable neutral species in their NR mass spectra in keeping with their known chem. The heats of formation of OC_2O^+ and C_2O^+ are 940 ± 10 and 1412 ± 5 kJ mol⁻¹, the latter in good agreement with earlier work.

(A+H)

☆
(H) C_2O^+

C.A. 1994, 121, N 12

