

Publications

JOURNAL ARTICLES

1. T. I. Odiaka and L. A. P. Kane-Maguire (1979). Addition of N. N. – dimethylaniline to Tricarbonyl (Cyclohexadienyl) ruthenium cation *Inorg. Chim. Acta.* 37, 85-87.
2. M. Gower, G. R. John, L. A. P. Kane-Maguire, T. I. Odiaka and A. Salzer (1979). Mechanism of Attack by Trialkylphosphines on Dicarbonyl (dienyl) iodoiron complexes. *Journal Chem. Soc., Dalton Trans.* 2003-2010.
3. L. A. P. Kane-Maguire, T. I. Odiaka, S. Turgoose and P. A. Williams (1980). The significance of amine basicity in determining the nucleophilicities of pyridines and anilines towards [(1-5- η - dienyl) Fe (CO)₃]⁺ cations. *J. Organomet. Chem.* 188, C₅-C₉.
4. L. A. P. Kane-Maguire, T. I. Odiaka and P. A. Williams (1981). Addition of P-Toluidine to Tricarbonyl (1-5- η -dienyl) iron cations. *J. Chem. Soc. Dalton Trans.*, 200-204.
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6. L. A. P. Kane-Maguire, T. I. Odiaka, S. Turgoose and P. A. Williams (1981). Addition of anilines to Tricarbonyl (1-5- η -dienyl) iron cations. *J. Chem. Soc. Dalton Trans.* 2489-2495.
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10. T. I. Odiaka and J. I. Okogun (1985). New Tricarbonyl (amido-substitued-1, 3-diene) iron complexes. *J. Organomet. Chem.*, 288, C30-C32.
11. T. I. Odiaka (1985). Mechanism of Addition of Aryltrimethyl – silanes and – stannanes to Tricarbonyl (Cyclohexadienyl) ruthenium (II) cation. *J. Chem.Soc., Dalton Trans.*, 1049-1052.
12. T. I. Odiaka (1985). Mechanism of Attack on Tricarbonyl (Cycloheptatrienyl) tungsten cation by Triphenylphosphine. *Inorg. Chem. Acta.*, 103, 9-13.
13. T. I. Odiaka (1985). New Triosmium Metal Clusters derived from the reactions between $[\text{Os}_3(\text{CO})_{10}(\text{NCMe})_2]$ and amides. *J. Organometallic Chem.*, 284, 95-99.
14. B. F. G. Johnson, J. Lewis and T. I. Odiaka (1986). Synthetic Studies of the reaction between aldehydes and the triosmium metal cluster $(\text{Os}_3(\text{CO})_{10}(\text{NCMe})_2)$. *J. Organomet. Chem.*, 307, 61-64.
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17. T. I. Odiaka (1988). Synthetic and Mechanistic Studies of the addition of 2, 6-Dimethylaniline to Tricarbonyl (1-5- η -dienyl) iron (II) complexes (Dienyl = C_6H_7 , 2-MeOC $_6\text{H}_6$ or C_7H_9), *Inorg. Chim. Acta.*, 145, 267-271.
18. T. I. Odiaka (1988). Steric and Electronic influences on the rate of addition of pyridines to Tricarbonyl (Cycloheptadienyl) iron (II) cation. *J. Organomet. Chem.*, 345, 135-141.
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25. T. I. Odiaka (1992). Mechanism of Addition of N, N-Dimethylaniline to [Os (CO)₃ [(1-5- η -C₆H₇)] BF₄]. *Nigerian J. Science*: 26, 173-179.
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36. T. I. Odiaka, T. T. Adebesein and I. A. Oladosu (2014). Demetallation of 1, 3-diene products obtained from Addition of Natural Products to tricarbonyl (Cyclohexadienyl) iron tetrafluoroborate. J. Organomet. Chem., 761, 179-189.
37. O. F. Akinyele, T. I. Odiaka and I. A. Adejoro (2016). Molecular Simulation of Tricarbonyl (1-4- η -5-exo-N-X, X-dimethylpyridino-cyclohexa-1, 3-diene) Iron Complexes: - A Semi Empirical PM6 Approach. American Chemical Science Journal, 16, 1-8.
38. T. T. Adebesein, I. A. Oladosu, N. O. Obi-Egbedi and T. I. Odiaka (2016). Dematallation, antimicrobial and computational studies of methoxy-1, 3-diene substituted products from addition of natural products to tricarbonyl (2-methoxycyclohexa-dienyl) iron tetrafluoroborate. J. Organomet. Chem., 819, 87-94.