

## A. Scholarly Publications

1. "Alstonerine, a New Indole Alkaloid from *Alstonia muelleriana*," J.M. Cook and P.W. LeQuesne, *Chem. Commun.*, 1306-1307 (1969).
2. "The Structure of Alstonisidine: A Novel Dimeric Indole Alkaloid," J.M. Cook and P.W. LeQuesne, *J. Org. Chem.*, **36**, 582-586 (1970).
3. "Some Aspects of Drug Usage, Trade and Plant Domestication Among the Yanomamo Indians of Venezuela and Brazil," N. Chagnon, P.W. LeQuesne, and J.M. Cook, *Acta Cient. Venezolana*, **21**, 186-193 (1970).
4. "Yanomamo Hallucinogens: Anthropological, Botanical and Chemical Findings," N. Chagnon, P.W. LeQuesne, and J.M. Cook, *Current Anthropology*, **12**, 72-74 (1971).
5. "Macralstonine from *Alstonia muelleriana*," J.M. Cook and P.W. LeQuesne, *Phytochem.*, **10**, 737-738 (1971).
6. "A Model Iron-Catalyzed Biomimetic Cyclization of a Cyclic Tryptamine N-Oxide," G. Scherer, C. Dorschel, J.M. Cook, and P.W. LeQuesne, *J. Org. Chem.*, **37**, 1083-1085 (1971).
7. "Biomimetic Synthesis and Structure of the Bisindole Alkaloid Alstonisidine," D.E. Burke, J.M. Cook, and P.W. LeQuesne, *Chem. Commun.*, 697 (1972).
8. "Biomimetic Synthesis of the Bisindole Alkaloid Macralstonine," D.E. Burke, J.M. Cook, C. DeMarkey, and P.W. LeQuesne, *Chem. Commun.*, 1346-1347 (1972).
9. "Further Alkaloids of *Alstonia muelleriana*," D.E. Burke, G.A. Cook, J.M. Cook, H. Lazar, K. Heller, and P.W. LeQuesne, *Phytochem.*, **12**, 1467-1474 (1973).
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11. "Studies on *Vinca* Alkaloids. The Structure of Vincarodine," J.P. Kutney, G. Cook, J. Cook, I. Itoh, J. Clardy, J. Fayos, P. Brown, and G. Svoboda, *Heterocycles*, **2**, 73-78 (1974).
12. "11-Methoxyakuammicine from *Alstonia muelleriana*," J.M. Cook and P.W. LeQuesne, *J. Org. Chem.*, 1367 (1975).
13. "Studies on the Synthesis of Bisindole Alkaloids. Structure and Absolute Configuration of 18'-Epi-4'-Epi-Vinblastine, 18'-Decarbomethoxy-18'-Epi-4'-Epi-Vinblastine and 18'-Epi-3',4'-Dehydrovinblastine," J.P. Kutney, J. Cook, K. Fuji, A. Treasurywala, J. Clardy, J. Fayos, and H. Wright, *Heterocycles*, **3**, 205-212 (1975).
14. "Total Synthesis of Indole and Dihydroindole Alkaloids. VIII. Studies on the Synthesis of Bisindole Alkaloids in the Vinblastine-Vincristine Series. The Chloro-indolenine Approach," J.P. Kutney, J. Beck, F. Bylsma, J.M. Cook, W. Cretney, K. Fuji, R. Imhof, and A. Treasurywala, *Helv. Chim. Acta*, **58**, 1690-1719 (1975).
15. "Reaction of 1,2 and 1,3 Dicarboxyl Compounds with Dimethyl  $\beta$ -Ketoglutarate. I. Synthesis of Methyl 5,6,7,8-Tetrahydro-5-oxocoumarin- $\beta$ (4<sup>1</sup>H)-Acetate," D. Yang, J. Oehldrich, D. Foerst, and J.M. Cook, *J. Org. Chem.*, **41**(4), 743 (1976).
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17. "Pictet-Spengler Condensations in Refluxing Benzene," J. Sandrin, D. Soerens, L. Hutchins, E. Richfield, F. Ungemach, and J.M. Cook, *Heterocycles*, **4**, 1101-1105 (1976).
18. "<sup>13</sup>C-NMR of 1,3-Disubstituted 1,2,3,4-Tetrahydro- $\beta$ -Carbolines," J. Sandrin, D. Soerens, and J.M. Cook, *Heterocycles*, **4**, 1249-1255 (1976).
19. "Reactions of Dicarboxyl Compounds with Dimethyl  $\beta$ -Ketoglutarate. IV. Isolation of 1:1 Adducts," J.

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  26. "Synthesis of the Antibiotic ( $\pm$ )-Pyridindolol," G.S. Wu, E. Yamanaka, and J.M. Cook, *Heterocycles*, **9**, 175-183 (1978).
  27. "Synthesis of a Tetraketone of the Tetracyclo[5.5.1.0.<sup>4,13</sup>O<sup>10,13</sup>]tridecane ("Staurane") Series," R. Mitschka, U. Weiss, and J.M. Cook, *J. Am. Chem. Soc.*, **100**, 2973-2974 (1978).
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