

Dr. Duke's Phytochemical and Ethnobotanical Database**List of Activities for GOSSYPOL**

| Activity | Reference |
|----------------------------|--|
| ACE-Inhibitor | |
| Aldose-Reductase-Inhibitor | Deck, L. M., Vander Jagt, D. L., Royer, R. E. 1991. Gossypol and Derivatives: A New Class of Aldose Reductase Inhibitors. J Med Chem, 34(1): 3301-3305. |
| Amebicide | |
| Anaphrodisiac | Martindale's 29th |
| Antibacterial | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| Antibiotic | |
| Anticancer | |
| AntiCorpus-Luteum | |
| Antiencephalitic | |
| Antiestrogenic | Economic & Medicinal Plant Research, 6: 189. |
| Antifeedant | Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990. |
| Antifertility | Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990. |
| Antiflu | Vlietinck, A.J. and Dommissie, R.A. eds. 1985. Advances in Medicinal Plant Research. Wiss. Verlag. Stuttgart. |
| Antiherpetic | |
| AntiHIV | |
| Antiimplantation | |
| Antikeratitic | |

| Activity | Reference |
|----------------------|--|
| Antimalarial | |
| Antioxidant | Merck 11th Edition |
| Antiplasmodial | |
| Antiprogestosterone | |
| Antiproliferant | Economic & Medicinal Plant Research, 6: 189. |
| Antirabies | |
| Antispermatogetic | Economic & Medicinal Plant Research, 6: 189. |
| Antistomatitic | |
| Antitestosterone | Economic & Medicinal Plant Research, 6: 189. |
| Antitrypanosomic | |
| Antitumor | |
| Antiviral | |
| Avicide | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
| Calcium-Antagonist | |
| Contraceptive (Male) | Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp. |
| Cytotoxic | |
| Fungicide | Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp. |
| Hepatotoxic | |

| Activity | Reference |
|-----------------------------------|--|
| Hypokalemic | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| Immunostimulant | |
| Insectifuge | Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990. |
| Interferonogenic | |
| Larvicide | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
| Libidolytic | Martindale's 29th |
| Mutagenic | Economic & Medicinal Plant Research, 6: 189. |
| Nematistat | Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp. |
| Paralytic | Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp. |
| Pesticide | |
| Prostaglandigenic | Economic & Medicinal Plant Research, 6: 189. |
| Prostaglandin-Synthesis-Inhibitor | Xiao, D. M., Wang, X. L., Zhang, J. B., Chen, H. C. 1991. Effects of Gossypol of Phorbol Ester-Calcimycin-induced Prostaglandin Synthesis by Macrophages. Chin Med J, 104(4): 321-325. |
| Spermicide | |
| Topoisomerase-II-Inhibitor | |
| Toxic | Economic & Medicinal Plant Research, 6: 189. |
| Tumorigenic | |