

**DIRECT SHOOT ORGANOGENESIS FROM COTYLEDONS OF *OCHNA INTEGERRIMA* (LOUR.)
MERRILL**

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REFERENCES

- Fiola J. A., Hassan M. A., Swartz H. J., Bors R. H., McNicols R. (1990). Effect of thidiazuron, light fluence rates and kanamycin on *in vitro* shoot organogenesis from excised *Rubus* cotyledons and leaves. *Plant Cell, Tissue and Organ Culture*, 39: 371-387.
- Huetteman C. A., Preece J. E. (1993). Thidiazuron: a potent cytokinin for woody plant tissue culture. *Plant Cell, Tissue and Organ Culture*, 33: 105-119.
- Kaewamatawong R., Likhitwitayawuid K., Ruangrunsi N., Takayama H., Kitajima M., Aimi N. (2002). Novel biflavonoids from the stem bark of *Ochna integerrima*. *Journal of Natural Products*, 65 (7): 1027-1029.
- Kamil M., Khan N. A., Alam M. S., Ilyas M. (1987). A biavone from *Ochna pumila*. *Phytochemistry*, 26: 1171-1173.
- Kamil M., Khan N. A., Ilyas M., Rahman W. (1983). Biavones from Ochnaceae – a new biavone from *Ochna pumila*. *Indian Journal of Chemistry*, 22B: 608.
- Likhitwitayawuid K., Rungserichai R., Ruangrunsi N., Phadungcharoen T. (2001). Flavonoids from *Ochna integerrima*. *Phytochemistry*, 56 (4): 353-357.
- Malik K. A., Saxena P. K. (1992). Thidiazuron induces high frequency shoot regeneration in intact seedlings of Pea (*Pisum sativum*) and lentil (*Lens culinaris*). *Australian Journal of Plant Physiology*, 19: 731-740.
- Messanga B. B., Tih R. G., Kimbu S. F., Sondengam B. L., Martin M. T., Bodo B. (1992). Calodenone, a new isobiavonoid from *Ochna calodendron*. *Journal of Natural Products*, 55: 245-248.
- Messanga B. B., Tih R. G., Sondengam B. L., Martin M. T., Bodo B. (1994). Biavonoids from *Ochna calodendron*. *Phytochemistry*, 35: 791-794.
- Messanga B. B., Sondengam B. L., Bodo B. (2000). Calodendroside A: a taxifolin diglucoside from the stem bark of *Ochna calodendron*. *Canadian Journal of Chemistry*, 78: 487-489.
- Mohammad F., Taufeeq H. M., Ilyas M., Rahman W., Chopin J. (1982). Glycosyl avones from *Ochna squarrosa*. *Indian Journal of Chemistry*, 21B: 167.
- Murashige T., Skoog F. (1962). A revised medium for rapid growth and bioassay with tobacco tissue culture. *Physiologia Plantarum*, 15: 473-497.
- Murthy B. N. S., Victor J., Singh R. P. S., Fletcher R. A., Saxena P. K. (1996). *In vitro* regeneration of chickpea (*Cicer arietinum* L.) stimulation of direct organogenesis and somatic embryogenesis by thidiazuron. *Plant Growth Regulation*, 19: 233-240.
- Murthy B. N. S., Murch S. J., Saxena P. K. (1998). Thidiazuron: a potent regulator of *in vitro* plant morphogenesis. *In vitro Cellular and Development Biology-Plant*, 34: 267-275.
- Rao K. V., Sreeramulu K., Rao C. K., Gunesekar D., Martin M. T., Bodo B. (1997). Two new biavonoids from *Ochna obtusata*. *Journal of Natural Products*, 60: 632-634.
- Sibanda S., Nyanyira C., Nicoletti M., Galeffi C. (1990). *Ochna bianthrone*: a trans-9, 90-bianthrone from *Ochna pulchra*. *Phytochemistry*, 29: 3974-3976.
- Sibanda S., Nyanyira C., Nicoletti M., Galeffi C. (1993). Vismiones L and M from *Ochna pulchra*. *Phytochemistry*, 34: 1650-1652.
- Williams C. A., Grayer R. (2004). Anthocyanins and other flavonoids. *Natural Product Reports*, 21(4): 539-573.
- Xing F. W. (Ed.) (2005). Rare plants of China. Hunan education publisher, 120 pp.