

# Anisaldehyde, a Melanogenesis Potentiator

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Z. Naturforsch. **62c**, 143–149 (2007); received June 13/August 21, 2006

Anisaldehyde (4-methoxybenzaldehyde), previously reported as a tyrosinase inhibitor, did not inhibit melanogenesis in cultured B16-F10 melanoma cells but rather enhanced it. This adverse effect of anisaldehyde was accompanied by melanocytotoxicity in a dose-dependent manner up to 2 mM. The melanin content per cell at 1 mM was increased 5-fold compared to control and morphological observations showed the deposition of melanin pigments. Anisaldehyde was also examined against cultured human A375 melanoma cells.

*Key words:* Anisaldehyde, Tyrosinase, B16-F10 Melanoma Cells