

TEDX List of Potential Endocrine Disruptors

isopropyl paraben

CAS # 4191-73-5

Alternative Name

isopropyl p-hydroxybenzoate

Category*

Personal care product/Cosmetic ingredient

Evidence Supporting This Chemical as an Endocrine Disruptor

Okubo T, Yokoyama Y, Kano K, Kano I. 2001. ER-dependent estrogenic activity of parabens assessed by proliferation of human breast cancer MCF-7 cells and expression of ER[alpha] and PR. Food Chem Toxicol 39(12):1225-1232.
Terasaki M, Kamata R, Shiraishi F, Makino M. 2009. Evaluation of estrogenic activity of parabens and their chlorinated derivatives by using the yeast two-hybrid assay and the enzyme-linked immunosorbent assay. Environ Toxicol Chem 28(1):204-208.
Vo TT, Jeung EB. 2009. An evaluation of estrogenic activity of parabens using uterine calbindin-d9k gene in an immature rat model. Toxicol Sci 112(1):68-77.

***Category References**

EWG.



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