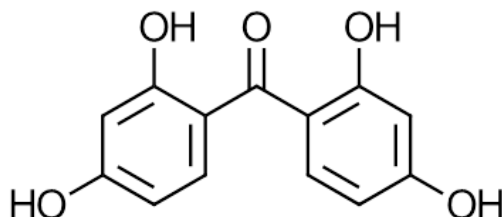


# Benzophenone-2 (BP-2)

 $C_{13}H_{10}O_5$ 


## Summary of Health Effects

BP-2 can disrupt the endocrine system in animals.

## How is BP-2 used?

BP-2 is a chemical ingredient used in sunscreen and personal care products to provide sun-protection by filtering ultraviolet light.<sup>1</sup>

## Toxicity: What are its health effects?

BP-2 altered the hypothalamic-pituitary axis<sup>2,3</sup> and caused an increase in hypospadias in rats.<sup>4</sup> A study of BP-2 exposure in mice found that BP-2 decreased the production of testosterone Benzophenone-2 (BP-2).

and, therefore, may reduce chemicals in the thyroid which affect the production of steroid hormones in the testis.<sup>5</sup>

## Exposure: How can a person come in contact with it?

A person can come in contact with BP-2 by breathing or swallowing it, or from skin contact.<sup>6,7</sup>

The 2014 National Health and Nutrition Examination Survey (NHANES) report did not include data for BP-2.

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