



BMF 17 - Isopropylthioxanthone (ITX)

November 2005: Baby milk scare

Italian authorities are seizing baby milk cartons across the country. The alarm was raised after traces of the chemical **Isopropylthioxanthone (ITX)** was found in infant formula, leading to product recalls in France, Spain, Portugal and Italy.

The chemical ITX had been used during the printing processes of the packaging of the baby milk samples in Italy, and was found during a routine analysis. The packaging was manufactured by a Swedish owned company, who has since vowed to cease the use of ITX by January 2006.

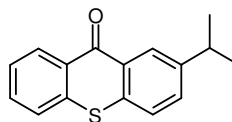
ITX is a mixture of two isomers to which the US EPA has given a high hazard ranking for environmental effects. The 2-isomer is the dominant ingredient. The European Food Safety Authority (EFSA) has recently undertaken a risk assessment on ITX:

<http://www.efsa.europa.eu/en/efsajournal/pub/293.htm>.

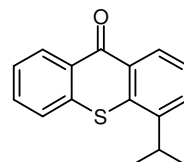
For further reading: <http://www.wecf.de/cms/articles/2005/11/babymilk.php>.

Reference standard

2722.16 **2-Isopropylthioxanthone** (99+ %)
[CAS 5495-84-1]
1.0 mg/mL, 1.1 mL in isooctane or 10mg neat

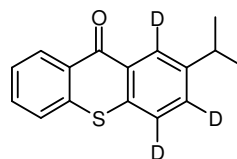


2726.16 **4-Isopropylthioxanthone** (99+ %)
[CAS 83846-86-0]
1.0 mg/mL, 1.1 mL in isooctane or 10mg neat



Internal standard

2723.16 **1,3,4-d₃-2-Isopropylthioxanthone** (98+ %)
100 µg/mL, 1.1 mL in isooctane
10mg neat



For more details, please contact inquire.

Below you'll find GC chromatogram and mass spectra of 2726.16 and 2722.16, respectively.

