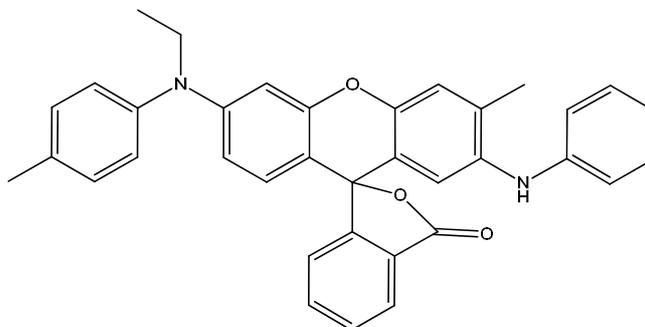


Bacterial reverse mutation test (OECD TG471)-Data sheet-Japan Bioassay Research Center
fiscal 2009

The data sheet was reviewed and created by Hazard-Data Evaluation Committee of National Institute of Technology and Evaluation in fiscal year 2011 based on the study report obtained by Ministry of Economy, Trade and Industry.

Test substance

MITI No.	: 5-3629
CAS No.	: 59129-79-2
Chemical name	: 2'-Anilino-6'-[N-ethyl-N-(4-tolyl)amino]-3'-methylspiro [isobenzofuran-1(3H), 9'-[9H]xanthen]-3-one
Synonym	: ETAC
Molecular weight	: 539
Molecular formula	: C ₃₆ H ₃₀ N ₂ O ₃
Structural formula	:



Appearance	: Slightly colored powder
Solubility	: Insoluble in water
Purity	: 99.0%

Experimental Method

Strains of bacteria	: <i>Salmonella typhimurium</i> TA100, TA1535, TA98, TA1537 <i>Escherichia coli</i> WP2uvrA/pKM101
Procedure	: Pre-incubation method
Vehicle	: DMSO (suspended)
Dosage	: - S9; 0.305 - 5000µg/plate + S9; 2.29 - 5000µg/plate
Evaluation criteria	: Revertant frequency (increase 2 times or more compared with vehicle control), reproducibility and dose-response relationship were taken into account.

Result

Negative

Note