

TABLE 1.— SUBCHRONIC, CHRONIC, AND OTHER TOXICITY—Continued

Guideline No.	Study Type	Results
870.3800	Reproduction and fertility effects Sprague-Dawley Rat	Parental/Systemic NOAEL = 35 mg/kg/day LOAEL = 160 mg/kg/day based on decreased weight gain in F1 offspring. Reproductive NOAEL = 35 mg/kg/day LOAEL = 160 mg/kg/day based on decreased fertility in males
870.4100	Chronic toxicity rodents CrI:CD(SD)BR albino rats	NOAEL = 10 mg/kg/day LOAEL = 40 mg/kg/day based on ulceration/erosion, hyperkeratosis of stomach in males and females
870.4100	Chronic toxicity rodents Fischer 344 Rat	NOAEL = 25 mg/kg/day LOAEL = 50 mg/kg/day based on hyperkeratosis of nonglandular epithelium of stomach in both sexes.
870.4100	Chronic toxicity rodents	NOAEL = 12 mg/kg/day in males; 15 mg/kg/day in females LOAEL = 81 mg/kg/day in males and 100 mg/kg/day in females based on an increase in incidence and severity of hyperkeratosis of the esophagus and nonglandular epithelium of the stomach.
870.4100	Chronic toxicity dogs	NOAEL = 10 mg/kg/day LOAEL = 60 mg/kg/day based on decreased food consumption & body weight gain; decreased serum cholesterol and serum proteins
870.4200	Carcinogenicity rats CrI:CD(SD)BR albino rats	NOAEL = Not achieved. LOAEL = 10 mg/kg/day on increased incidence of C-cell adenoma & carcinoma of thyroid in males & intrietical cell tumors of testes
870.4200	Carcino-genicity rats Fischer 344 Rat	NOAEL = 50 mg/kg/day LOAEL = 100 mg/kg/day on increased benign fibroepithelial tumor of the mammary glands & C-cell adenoma of the thyroid No evidence of carcinogenicity
870.4200	Carcinogenicity mice B6C3F1 Strain	NOAEL = Not achieved. LOAEL = 150 mg/kg/day based on duodenal carcinoma and stomach papilloma both sexes; malignant lymphoma in high dose females only Evidence of carcinogenicity
870.4200	Carcinogenicity mice CD-1 Mice	NOAEL = Not achieved. LOAEL = 150 mg/kg/day based on a dose related increase in incidence of intestinal adenomas and adenocarcinomas in both sexes Evidence of carcinogenicity
870.5195	Mutagenic-Lymphoma Mutation in L5178Y/TK mouse lymphoma cells	Positive for forward mutations in L5178Y/TK mouse lymphoma cells. Higher concentration necessary in the presence of S-9 fraction
870.5275	Mutagenic-Sex Link Recessive in Drosophila	Positive for sex linked recessive lethals
870.5300	Mutagenic- <i>In vivo</i> Cytogenetic toxicity in Mouse	No effect on the incidence of coat color spots - negative for mutations. Significant pup mortality at all doses levels. Decreased survival of pups during lactation. Increased melanocyte toxicity in pups at 4310 ppm, decreased weight gain in dams at 4310.
870.5300	Mutagenic- <i>In Vivo</i> Cytogenetic in Mouse	Decreases in the number and percentage of live born pups; maternal weight gain
870.5375	Mutagenic-Chromosome Aberration in Rats	Not a clastogen at the HDT. No measure of cytotoxicity in bone marrow. Dose used not supported by evidence that the HDT was a maximum tolerated dose.
870.5380	Cytogenetics Chromosome Aberration in Chinese hamster ovary cells	Folpet was tested up to toxicity in non-activated (2.5 µg/mL) & activated Chinese hamster ovary cells (CHO) (25.7 & 75.0 µg/mL) in 10 & 20 hour assays. Results: There was a 10-30 fold difference in toxicity sensitivity. The test article induced chromosomal aberrations at marginally cytotoxic concentrations of 0.75 µg/mL in the non-activated system, and 0.26 µg/mL in the 10 hour activ. assay, but required 25.0 µg/mL in the 20 hour activation assay.
870.5395	Mutagenic Micronucleus Assay in the Mouse (CD-1)	No evidence of mutagenicity.
870.5450	Mutagenic-Dominant Lethal Test in the Mouse	Negative for mutation