

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

Guideline No.	Study Type	Results
870.3800	Reproduction and fertility effects (rat)	Parental systemic NOAEL: 78.8/83.5 mg/kg/day (M/F) Parental systemic LOAEL: 631/676 mg/kg/day (M/F) based on decreased body weight and gain as well as decreased food consumption. Offspring systemic NOAEL: 78.8/83.5 mg/kg/day (M/F) Offspring systemic LOAEL: 631/676 mg/kg/day (M/F): decreased pup weight and weight gain, decreased spleen weight, thymus weight and increased vaginal patency. Reproductive NOAEL: 968/1,030 mg/kg/day (M/F) Reproductive LOAEL: >968/1,030 (M/F)
870.4100	Chronic toxicity rodents (rat)	See 870.4300
870.4100	Chronic toxicity dogs	NOAEL: 51.1/45.3 mg/kg/day (M/F) LOAEL: 123/121 mg/kg/day (M/F): M = gray-white foci in lungs, fibrous thickening of lung pleura, equivocal decreased body weight gain; F = equivocal increased incidence and severity of chronic urinary bladder inflammation.
870.4200	Carcinogenicity rats	See 870.4300
870.4200	Carcinogenicity mice	NOAEL: 854/112 mg/kg/day (M/F) LOAEL: >854/818 mg/kg/day (M/F): M = not determined; F = decreased body weight, body weight gain and food consumption. Negative for carcinogenicity in M and F.
870.4300	Chronic feeding/carcinogenicity rats	NOAEL: 82.6/23.7 mg/kg/day (M/F) LOAEL: 429/99.3 mg/kg/day (M/F): M = decreased body weight and gains, decreased food consumption and increased Leydig cell hyperplasia in testes; F = increased tubular atrophy in kidneys. At 500 mg/kg/day decreased body weight, body weight gain, food consumption and increased tubular atrophy in kidneys. Negative for carcinogenicity in M and F.
870.5100	Gene mutation bacterial reverse mutation assay (<i>S. typhimurium</i> / <i>E. coli</i>)	Negative without and with S-9 activation.
870.5300	<i>In vitro</i> mammalian cell forward gene mutation assay (CHO cells/HGPRT locus)	Negative without and with S-9 activation.
870.5375	<i>In vitro</i> mammalian cytogenetics assay in CHO cells	Negative without and with S-9 activation.
870.5395	Cytogenetics - mammalian erythrocyte micronucleus test in the mouse	Negative at single oral doses up to 5,000 mg/kg.
870.5500	<i>In vitro</i> unscheduled DNA synthesis (primary rat hepatocytes)	Negative response up to 250 µg/mL. Cytotoxicity at ≥15.63 µg/mL.
870.6200	Acute neurotoxicity screening battery (rat)	NOAEL: <2,000 mg/kg/day (M/F) LOAEL: 2,000 mg/kg/day (M/F): M and F = decreased motor activity on day 1, histopathological lesions in nervous system tissues.
870.6200	Acute neurotoxicity screening battery (rat)	NOAEL: 2,000/600 mg/kg/day (M/F) LOAEL: >2,000/2,000 mg/kg/day (M/F): M = not attained; F = decreased motor activity on day 1.
870.6200	Subchronic neurotoxicity screening battery (rat)	NOAEL: 112/553 mg/kg/day (M/F) LOAEL: 472/1,128 mg/kg/day (M/F): M = decreased body weight, body weight gain and food consumption.; F = decreased body weight.