

Table 27-2: Common Inducers of Cytochrome P450 Enzyme System

Enzyme	Known Inducers
CYP3A4	Carbamazepine (Tegretol), rifampin (Rifadin), phenobarbital, phenytoin (Dilantin), efavirenz (Sustiva), nevirapine (Viramune), prednisone, rifapentine, troglitazone (Rezulin)
CYP1A2	Cigarette smoke, ritonavir (Norvir), omeprazole (Prilosec), charcoal-smoked foods, cruciferous vegetables
CYP2C9	Carbamazepine (Tegretol), ethanol, phenytoin (Dilantin), rifabutin (Mycobutin), ritonavir (Norvir), rifampin (Rifadin)
CYP2C19	Rifabutin (Mycobutin), rifampin (Rifadin)
CYP2D6	Pregnancy
CYP2E1	Ethanol, ritonavir (Norvir), isoniazid (INH)