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Drug	Main route(s) of elimination	Main enzyme system involved
Carbamazepine	Oxidation	CYP3A4 (active 10, 11- epoxide metabolite cleared by epoxide hydrolase)
Ethosuximide	Oxidation	CYP3A4
Phenobarbital	Oxidation + N-glucosidation (75% of the dose) and renal excretion (25%)	CYP2C9 and CYP2C19
Phenytoin	Oxidation	CYP2C9 and CYP2C19
Valproic acid	Oxidation (>50%) and glucuronide conjugation (30–40%)	Mitochondrial oxidases, CYPs and glucuronyl transferases

































