

Phenobarbital acid (Cas No 50-06-6)

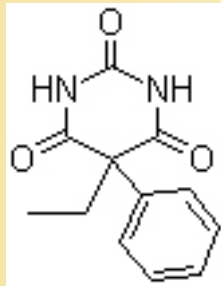


Phenobarbital acid

Molecular Formula C₁₂H₁₂N₂O₃

Molecular Weight 232.24

CAS Registry Number 50-06-6



Pharmacokinetic data

Bioavailability >95% Protein binding 20 to 45%

Metabolism Hepatic (mostly CYP2C19)

Half life 53 to 118 hours

Excretion Renal and fecal

Phenobarbital is indicated in the treatment of all types of seizures except absence seizures. Phenobarbital is no less effective at seizure control than more modern drugs such as phenytoin and carbamazepine. It is, however, significantly less well tolerated.