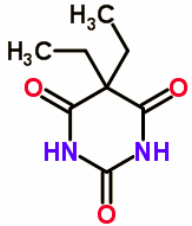


Name	BARBITAL
Structure	
Systematic name	5,5-diethylpyrimidine-2,4,6(1H,3H,5H)-trione
Formula	C ₈ H ₁₂ N ₂ O ₃
MW	184.1925
Monoisotopic mass	184.08479226
Mp	188-192°C
H bond acceptors	5
H bond donors	2
Acid pKa	8.4; 12.15
Basic pKa	--
ACD Log D pH 5.5	0.80
ACD Log D pH 7.4	0.69
Solubility	Acetone, ethyl acetate, water (sodium salt)
LD50	600 mg/Kg mouse p.o.
Therapeutic cat	sedative-hypnotic
ATC	N05CA04 N NERVOUS SYSTEM N05 PSYCHOLEPTICS N05C HYPNOTICS AND SEDATIVES N05CA Barbiturates, plain
Receptors	GABA _A (allosteric)

Nomi commerciali (IT)	