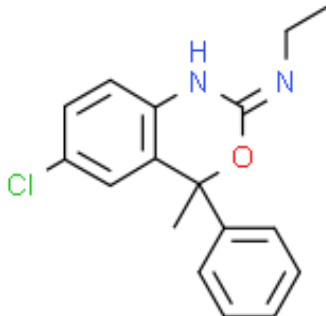


Product Data Sheet

Cas No.:	21715-46-8	Cat. No:	PL04629
Product Name:	Etifoxine		
Product synonym:	艾替伏辛;2-乙基氨基-6-氯-4-甲基-4-苯基-4H-3,1-苯并恶嗪		
Chemical name:	Etifoxine		
MF:	C17H17N2OCL	FW:	300.78268
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	ClC1=CC=C2C(C(=CC=CC=C3)(C)OC(NCC)=N2)=C1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Etifoxine 是一个非苯二氮卓类的、具有 GABA 能的化合物，是 GABAA 受体亚基 $\alpha 1\beta 2\gamma 2$ 和 $\alpha 1\beta 3\gamma 2$ 的阳性变构调节剂。Etifoxine 在啮齿类动物中显示出抗焦虑和抗惊厥活性。

生物活性	Etifoxine, a non-benzodiazepine GABAergic compound, is a positive allosteric modulator of $\alpha 1\beta 2\gamma 2$ and $\alpha 1\beta 3\gamma 2$ subunit-containing GABA A receptors. Etifoxine reveals anxiolytic and anticonvulsant properties in rodents.
体外研究(In Vitro)	Etifoxine (EFX), at concentrations ranging from 10 to 300 μ M (higher concentrations limited its solubility), produces a dose-dependent increase in the [3H]muscimol binding at equilibrium, to 155±2% of its control value at 300 μ M EFX. has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	Etifoxine competitively inhibits [S]TBPS binding with micromolar potency in rat brain. Etifoxine (3.125-50 mg/kg) exhibits more pronounced anxiolytic and anticonvulsant effects in the BALB/cByJ mice compared to the C57BL/6J mice. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; 4°C 2 years

溶解度数据	In Vitro: DMSO : 100 mg/mL (332.47 mM; Need ultrasonic)配制储备液
-------	--