

产品名称：盐酸多塞平
产品别名：Doxepin Hydrochloride

生物活性：

Description	Doxepin Hydrochloride is a tricyclic antidepressant that is marketed worldwide. Target: SSRIs Doxepin Hydrochloride inhibits the reuptake of serotonin and norepinephrine and acts as an antagonist at various serotonergic, adrenergic, muscarinic, dopaminergic and histaminergic receptors [1]. In the doxepin-treated patients who completed the study (N = 20, 47.6+/-11.3), medication significantly increased sleep efficiency after acute (night 1, p < or = .001) and subchronic (night 28, p < or = .05) intake compared with the patients who received placebo (N = 20, 47.4+/-16.8 years of age). Doxepin Hydrochloride to cause significantly (p < or = .05) better global improvement at the first day of treatment [2].	
Solvent&Solubility	In Vitro: DMSO : ≥ 100 mg/mL (316.62 mM) H₂O : ≥ 50 mg/mL (158.31 mM) * "≥" means soluble, but saturation unknown.	
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	此方案可获得 $\geq 2.5 \text{ mg/mL}$ (7.92 mM, 饱和度未知) 的澄清溶液, 此方案不适用于实验周期在半个月以上的实验。 以 1 mL 工作液为例, 取 100 μL 25.0 mg/mL 的澄清 DMSO 储备液加到 900 μL 玉米油中, 混合均匀。
References	[1]. http://pdsp.med.unc.edu/pdsp.php [2]. Hajak, G., et al., Doxepin in the treatment of primary insomnia: a placebo-controlled, double-blind, polysomnographic study. J Clin Psychiatry, 2001. 62(6): p. 453-63.



源叶生物