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# 产品名称：盐酸他利克索
# 产品别名：Talipexole dihydrochloride；B-HT 920 dihydrochloride

## 生物活性：

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|---|---|
| **Description** | Talipexole dihydrochloride (B-HT 920 dihydrochloride) is a dopamine D2 receptor agonist, α2-adrenoceptor agonist and 5-HT3 receptor antagonist, which displays antiParkinsonian activity. |
| **$IC_{50}$ & Target** | IC50: 25 nM (Adrenergic receptor α-2, rat)[1]. |
| **In Vivo** | Intravenous injection of 30 micrograms/kg of Talipexole dihydrochloride (B-HT 920) into cats lead initially to an increase in blood pressure and then to a long-lasting decrease in blood pressure and heart rate. Vagally mediated reflex bradycardia elicited by angiotensin injection in beta-adrenoceptor-blocked dogs was facilitated by intracisternal injection of 10 micrograms/kg Talipexole dihydrochloride (B-HT 920). |
| **Solvent&Solubility** | ***In Vitro:***<br>**DMSO : 28 mg/mL (99.21 mM;** Need ultrasonic and warming) |

**Preparing Stock Solutions**

| Solvent / Mass / Concentration | 1 mg | 5 mg | 10 mg |
|---|---|---|---|
| 1 mM | 3.5432 mL | 17.7160 mL | 35.4321 mL |
| 5 mM | 0.7086 mL | 3.5432 mL | 7.0864 mL |
| 10 mM | 0.3543 mL | 1.7716 mL | 3.5432 mL |

*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液；一旦配成溶液，请分装保存，避免反复冻融造成的产品失效。

储备液的保存方式和期限：-80°C, 6 months; -20°C, 1 month。-80°C 储存时，请在 6 个月内使用，-20°C 储存时，请在 1 个月内使用。

**References**

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[3]. Kohno Y, Fukuzaki K, Kitahara K, Koja T.Anti-tremor activity of talipexole produced by selective dopamine D2 receptor stimulation in cynomolgus monkeys with unilateral lesions in the ventromedial tegmentum.Eur J Pharmacol. 1997 Jan 29;319(2-3):197-205.

[4]. Momiyama T, Sasa M, Takaori S.Inhibition by talipexole, a thiazolo-azepine derivative, of dopaminergic neurons in the ventral tegmental area.Life Sci. 1991;49(7):535-43.

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[6]. Robertson, G.S., et al., In vivo comparisons of the effects of quinpirole and the putative presynaptic dopaminergic agonists B-HT 920 and SND 919 on striatal dopamine and acetylcholine release. J Pharmacol Exp Ther, 1993. 264(3): p. 1344-51.