Product Data Sheet

Product Name: B-HT 920
CAS No.: 36085-73-1
Cat. No.: HY-A0008
MWt: 282.23
Formula: C10H17Cl2N3S
Purity: >98%

Solubility: DMSO

Mechanisms:
- Pathways: GPCR/G protein; Target: Adrenergic Receptor
- Pathways: GPCR/G protein; Target: Dopamine Receptor
- Pathways: Neuronal Signaling; Target: Dopamine Receptor

Biological Activity:
B-HT 920 (Talipexole 2HCl) is a dopamine D2 receptor agonist, α2-adrenoceptor agonist and 5-HT3 receptor antagonist, which displays anti-Parkinsonian activity.
IC50 Value: 25 nM (Adrenergic receptor α2, rat)
Target: Adrenergic Receptor; 5-HT Receptor; Dopamine Receptor
in vitro: N/A
in vivo: Intravenous injection of 30 micrograms/kg of 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 B-HT 920....

References:
[6]. Robertson, G.S., et al.,....

Caution: Not fully tested. For research purposes only

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