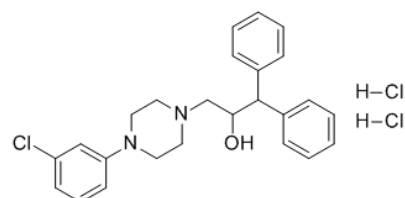


**Product Name** : BRL-15572 dihydrochloride  
**Cat. No.** : PC-43384  
**CAS No.** : 193611-72-2  
**Molecular Formula** : C<sub>25</sub>H<sub>29</sub>Cl<sub>3</sub>N<sub>2</sub>O  
**Molecular Weight** : 479.8696  
**Target** : 5-HT Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

BRL-15572 dihydrochloride is a potent, selective **h5-HT1D** receptor antagonist with pKi of 7.9, displays 60-fold selectivity over h5-HT1B.

BRL-15572 dihydrochloride shows binding affinities for 5-HT1A, 5-HT1B, 5-HT1E, 5-HT1F, 5-HT2A, 5-HT2B, 5-HT2C, 5-HT6 and 5-HT7 with pKi of 7.7, 6.1, 5.2, 6.0, 6.6, 7.4, 6.2, 5.9 and 6.3, respectively.

## References

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De Vries P, et al. *Eur J Pharmacol.* 1998 Nov 27;362(1):69-72.

Marcoli M, et al. *Br J Pharmacol.* 1999 Feb;126(3):607-12.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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