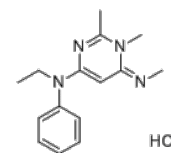


**Product Name** : ZD-7288  
**Cat. No.** : PC-70127  
**CAS No.** : 133059-99-1  
**Molecular Formula** : C<sub>15</sub>H<sub>21</sub>ClN<sub>4</sub>  
**Molecular Weight** : 292.81  
**Target** : HCN Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

ZD-7288 (ICI-D 7288) is a selective hyperpolarization-activated cyclic nucleotide-gated (**HCN**) **channel** blocker. ZD-7288 inhibits the hyperpolarization activated cationic current (I<sub>f</sub>) in a concentration-dependent manner in rat brain.

## References

- Zhang XX, et al. *Neural Regen Res.* 2016 May;11(5):779-86.  
Guli X, et al. *Neural Plast.* 2012;2012:237913.  
BoSmith RE, et al. *Br J Pharmacol.* 1993 Sep;110(1):343-9.

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

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