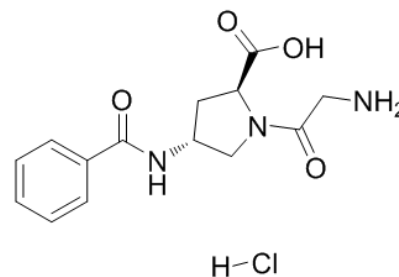


**Product Name** : GAP-134 hydrochloride  
**Cat. No.** : PC-42736  
**CAS No.** : 943133-81-1  
**Molecular Formula** : C<sub>14</sub>H<sub>18</sub>ClN<sub>3</sub>O<sub>4</sub>  
**Molecular Weight** : 327.7634  
**Target** : Gap Junction Protein  
**Solubility** : 10 mM in DMSO



### Biological Activity

Danegaptide (GAP-134, ZP1609) is a potent, orally active gap-junction modifier, prevents significantly conduction velocity slowing at 10 nM compared with vehicle.

Danegaptide (GAP-134, ZP1609) has highly desirable in vitro and in vivo safety profile including (1) lack of direct effects on membrane ion currents, hERG inhibition, and CYP450 liabilities, (2) negative AMES result, (3) a benign NovaScreen profile, and (4) no effects on systemic hemodynamics.

### References

Butera JA, et al. *J Med Chem*. 2009 Feb 26;52(4):908-11.

Rossman EI, et al. *J Pharmacol Exp Ther*. 2009 Jun;329(3):1127-33.

Hennan JK, et al. *J Cardiovasc Pharmacol Ther*. 2009 Sep;14(3):207-14.

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

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