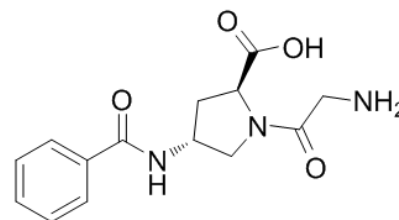


**Product Name** : GAP-134  
**Cat. No.** : PC-42735  
**CAS No.** : 943134-39-2  
**Molecular Formula** : C<sub>14</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>  
**Molecular Weight** : 291.3025  
**Target** : Gap Junction Protein  
**Solubility** : 10 mM in DMSO



### Biological Activity

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

GAP-134 (Danegaptide) 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!**

E-mail: tech@probechem.com