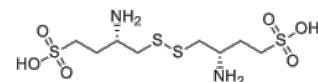


**Product Name** : Firibastat  
**Cat. No.** : PC-60511  
**CAS No.** : 648927-86-0  
**Molecular Formula** : C<sub>8</sub>H<sub>20</sub>N<sub>2</sub>O<sub>6</sub>S<sub>4</sub>  
**Molecular Weight** : 368.49  
**Target** : Aminopeptidase  
**Solubility** : 10 mM in DMSO



## Biological Activity

Firibastat (QGC 001, RB 150) is a potent, orally active, centrally acting aminopeptidase inhibitor, the prodrug of the specific and selective **aminopeptidase A** inhibitor EC33.

Firibastat blocks the brain renin-angiotensin system activity and normalises blood pressure, with no effect on the systemic renin-angiotensin-aldosterone parameters and on PCop concentrations.

## References

- Balavoine F, et al. *Clin Pharmacokinet.* 2014 Apr;53(4):385-95.
- Fournie-Zaluski MC, et al. *Proc Natl Acad Sci U S A.* 2004 May 18;101(20):7775-80.
- Bodineau L, et al. *Hypertension.* 2008 May;51(5):1318-25.
- Marc Y, et al. *J Hypertens.* 2017 Sep 28. doi: 10.1097/HJH.0000000000001563.

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

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