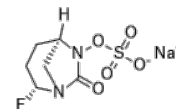


**Product Name** : ANT3310 sodium  
**Cat. No.** : PC-24831  
**CAS No.** : 2410688-61-6  
**Molecular Formula** : C<sub>6</sub>H<sub>8</sub>FN<sub>2</sub>NaO<sub>5</sub>S  
**Molecular Weight** : 262.19  
**Target** : Bacterial  
**Solubility** : 10 mM in DMSO



### Biological Activity

ANT3310 sodium (Pilabactam) is a potent, covalent broad-spectrum **serine  $\beta$ -Lactamase** inhibitor with IC<sub>50</sub> of 1-175 nM against a panel of serine  $\beta$ -Lactamases.

ANT3310 is a very good inhibitor of OXA-23, as well as OXA-48, but not avibactam.

ANT3310 is equipotent against KPC- and OXA-CRE while superior against OXA-CRAB.

ANT3310 is effective against CREs and *A. baumannii* strains and is efficacious in mouse infection models.

### References

Davies DT, et al. *J Med Chem.* 2020 Dec 24;63(24):15802-15820.

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

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