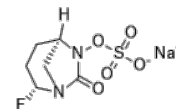


Product Name : ANT3310 sodium
Cat. No. : PC-24831
CAS No. : 2410688-61-6
Molecular Formula : C₆H₈FN₂NaO₅S
Molecular Weight : 262.19
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

ANT3310 sodium is a potent, covalent broad-spectrum serine β -Lactamase inhibitor with IC₅₀ of 1-175 nM against a panel of serine β -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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