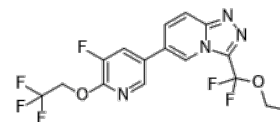


**Product Name** : Vornatrigine  
**Cat. No.** : PC-25007  
**CAS No.** : 2392951-18-5  
**Molecular Formula** : C<sub>16</sub>H<sub>12</sub>F<sub>6</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 406.29  
**Target** : Sodium Channel  
**Solubility** : 10 mM in DMSO



CAS: 2392951-18-5  
PC-25007

### Biological Activity

Vornatrigine (PRAX-628) is a potent and activity dependent inhibitor of persistent and peak sodium current (INa) with IC50 of 128 nM, a NaV blocker with greater potency and preference for persistent INa.

PRAX-628 inhibits ATX-II induced persistent INa expressed by multiple NaV isoforms and orthologs.

PRAX-628 inhibits persistent sodium current (INa) in neurons, a mechanism linked to epilepsy.

PRAX-628 exhibits fast apparent binding and moderate apparent unbinding compared to a panel of standard of NaV blockers.

### References

Kristopher M. Kahlig, et al. PRAX-628: A Novel Sodium Channel Blocker with Greater Potency and Activity Dependence Compared to Standard of Care.

Patent WO2019232209 A1 2019-12-05.

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

E-mail: tech@probechem.com