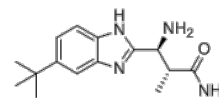


**Product Name** : PF-06305591  
**Cat. No.** : PC-35885  
**CAS No.** : 1449473-97-5  
**Molecular Formula** : C<sub>15</sub>H<sub>22</sub>N<sub>4</sub>O  
**Molecular Weight** : 274.368  
**Target** : Sodium Channel  
**Solubility** : 10 mM in DMSO



### Biological Activity

PF-06305591 (PF06305591) is a potent, highly selective selective **NaV1.8** blocker with IC<sub>50</sub> of 15 nM, displays no significant activity against other sodium channel subtypes, K<sup>+</sup> channels and Ca<sup>2+</sup> channels.

PF-06305591 displays excellent preclinical in vitro ADME and safety profile.

### References

Brown AD, et al. *Bioorg Med Chem*. 2019 Jan 1;27(1):230-239.

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

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