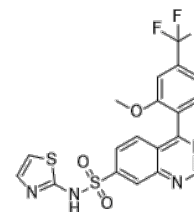


**Product Name** : AM-2099  
**Cat. No.** : PC-26470  
**CAS No.** : 1443373-17-8  
**Molecular Formula** : C<sub>19</sub>H<sub>13</sub>F<sub>3</sub>N<sub>4</sub>O<sub>3</sub>S<sub>2</sub>  
**Molecular Weight** : 466.45  
**Target** : Sodium Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

AM-2099 is a potent, selective inhibitor of voltage-gated sodium channel NaV1.7 with IC<sub>50</sub> of 0.16 μM (hNaV1.7), with no activity against hNaV1.5.

AM-2099 exhibits good selectivity over a range of NaV isoforms.

AM-2099 exhibits dose-dependent reduction of scratching behavior in a histamine-induced scratching model.

## References

Marx IE, et al. ACS Med Chem Lett. 2016 Sep 21;7(12):1062-1067.

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

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