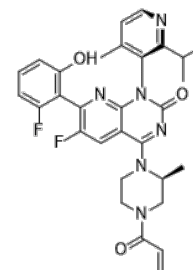


**Product Name** : Sotorasib (AMG-510)  
**Cat. No.** : PC-22982  
**CAS No.** : 2296729-00-3  
**Molecular Formula** : C<sub>30</sub>H<sub>30</sub>F<sub>2</sub>N<sub>6</sub>O<sub>3</sub>  
**Molecular Weight** : 560.61  
**Target** : Ras  
**Solubility** : 10 mM in DMSO



## Biological Activity

Sotorasib (AMG510) racemate is a potent, selective, covalent KRAS G12C inhibitor with p-ERK IC<sub>50</sub> of 68 nM. AMG510 showed great promise in the treatment of KRAS p.G12C-mutant tumors both pre-clinically and clinically. Treatment with AMG 510 led to the regression of KRASG12C tumours and improved the anti-tumour efficacy of chemotherapy and targeted agents.

In immune-competent mice, treatment with AMG 510 resulted in a pro-inflammatory tumour microenvironment and produced durable cures alone as well as in combination with immune-checkpoint inhibitors.

## References

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Ryan MB, et al. Clin Cancer Res. 2020 Apr 1;26(7):1633-1643.

McCormick F. Cancer Cell. 2020 Jan 13;37(1):3-4.

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

E-mail: tech@probechem.com