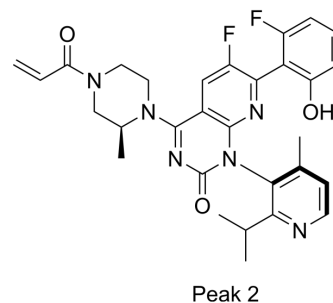


Sotorasib isomer

Cat. No.:	HY-114277B		
Molecular Formula:	C ₃₀ H ₃₀ F ₂ N ₆ O ₃		
Molecular Weight:	560.59		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : < 0.1 mg/mL (ultrasonic) (insoluble)
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (2.23 mM); Clear solution

BIOLOGICAL ACTIVITY

Description	Sotorasib (AMG-510) isomer is the less active isomer of Sotorasib (AMG-510). AMG-510 is a potent KRAS G12C covalent inhibitor.
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REFERENCES

- [1]. Karen Rex, et al. Abstract 3090: In vivo characterization of AMG 510 - a potent and selective KRASG12C covalent small molecule inhibitor in preclinical KRASG12C cancer models. Experimental and Molecular Therapeutics.
- [2]. Brian A. Lanman, et al. Abstract 4455: Discovery of AMG 510, a first-in-human covalent inhibitor of KRASG12C for the treatment of solid tumors. Cancer Chemistry.
- [3]. Marwan Fakih, et al. Phase 1 study evaluating the safety, tolerability, pharmacokinetics (PK), and efficacy of AMG 510, a novel small molecule KRASG12C inhibitor, in advanced solid tumors. Journal of Clinical Oncology.
- [4]. Canon J, et al. The clinical KRAS(G12C) inhibitor AMG 510 drives anti-tumour immunity. Nature. 2019 Nov;575(7781):217-223.

Caution: Product has not been fully validated for medical applications. For research use only.

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