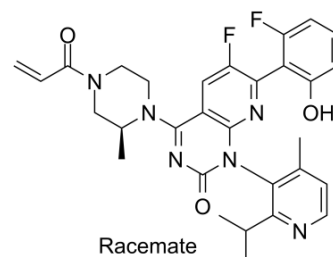


AMG-510 racemate

Cat. No.:	HY-114277A
CAS No.:	2252403-56-6
Molecular Formula:	C ₃₀ H ₃₀ F ₂ N ₆ O ₃
Molecular Weight:	560.59
Target:	Ras
Pathway:	GPCR/G Protein
Storage:	-20°C, stored under nitrogen



* The compound is unstable in solutions, freshly prepared is recommended.

SOLVENT & SOLUBILITY

In Vitro

DMSO : 3.85 mg/mL (6.87 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.7838 mL	8.9192 mL	17.8383 mL
	5 mM	0.3568 mL	1.7838 mL	3.5677 mL
	10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

AMG-510 racemate is the racemate of AMG-510. AMG-510 is a potent, orally bioavailable, and selective KRAS G12C covalent inhibitor with anti-tumor activity.

IC₅₀ & Target

KRas G12C

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.

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

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