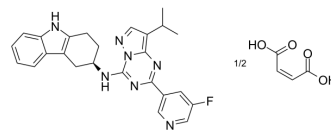


AHR antagonist 5 hemimaleate

Cat. No.:	HY-136220A
Molecular Formula:	C ₂₇ H ₂₆ O ₂ FN ₇
Molecular Weight:	499.55
Target:	Aryl Hydrocarbon Receptor
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AHR antagonist 5 hemimaleate, a potent and orally active aryl hydrocarbon receptor (AHR) antagonist, has an IC ₅₀ of < 0.5 μM. AHR antagonist 5 hemimaleate significantly inhibits tumor growth combined with checkpoint inhibitor anti-PD-1 (WO2018195397, example 39) ^[1] .
In Vitro	Tumor growth inhibition is statistically significant with AHR antagonist 5 as single. AHR antagonist 5 (10 mg/kg; p.o.; every day for 3 weeks) combination with anti-PD-1 significantly inhibited tumor growth inhibition compared to the anti-PD-1 alone ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Alfredo C. Castro, et al. Indole ahr inhibitors and uses thereof. WO2018195397A2.

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

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