

Product Data Sheet

Product Name: AHR antagonist 5

Cat. No.: GC64275

Chemical Properties

Cas. No. 2247953-39-3

Formula C₂₅H₂₇Cl₃FN₇

M.Wt 550.89

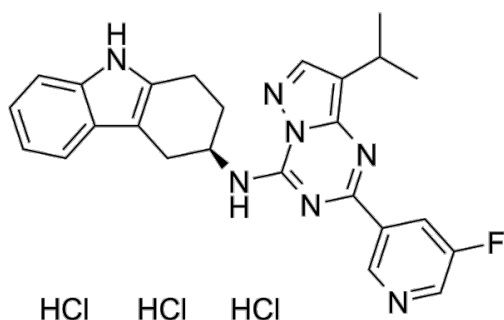
Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

AHR antagonist 5, a potent and orally active aryl hydrocarbon receptor (AHR) antagonist extracted from patent WO2018195397, example 39, has an IC₅₀ of < 0.5 μM. AHR antagonist 5 significantly inhibits tumor growth combined with checkpoint inhibitor anti-PD-1[1].

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].

[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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