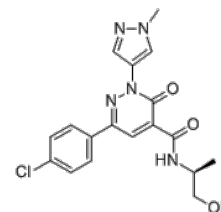


Product Name : BAY2416964
Cat. No. : PC-38065
CAS No. : 2242464-44-2
Molecular Formula : C₁₈H₁₈ClN₅O₃
Molecular Weight : 387.824
Target : Aryl hydrocarbon Receptor (AhR)
Solubility : 10 mM in DMSO



1. Patent WO2018146010A1, example 192.
2, Li Wen, et al. **Cell Death Dis.** 2023 Jan

Biological Activity

BAY2416964 is a potent and orally active **aryl hydrocarbon receptor (AHR)** antagonist with IC₅₀ of 341 nM. BAY 2416964 potently and selectively inhibited AhR activation induced by either exogenous or endogenous AhR ligands. BAY 2416964 restored immune cell function in human and mouse cells, and furthermore enhanced antigen-specific cytotoxic T cell responses and killing of tumor spheroids. BAY 2416964 induced a proinflammatory tumor microenvironment, and demonstrated antitumor efficacy in a syngeneic cancer model in mice.

References

12;14(1):18.

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

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