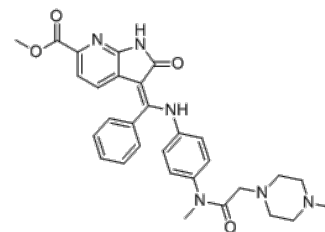


Product Name : Ansornitinib
Cat. No. : PC-49117
CAS No. : 1448874-96-1
Molecular Formula : C₃₀H₃₂N₆O₄
Molecular Weight : 540.624
Target : PDGFR
Solubility : 10 mM in DMSO



Biological Activity

Ansornitinib (ANG-3070, ANG3070) is an oral **fibrokinase** inhibitor inhibitor of **PDGFR** and **VEGFR/KDR** with high binding affinity, also targets Discoidin Domain Receptors 1 and 2 (**DDR1** and **DDR2**), tyrosine kinase receptors linked to the development of fibrosis in the kidneys and lungs.

Ansornitinib (ANG-3070, ANG3070) exhibits limited interaction with other receptor tyrosine kinases

Ansornitinib (ANG-3070, ANG3070) has demonstrated beneficial effects in chronic kidney disease animal models.

References

- Patent US9040555 B2 2015-05-26.
- Patent WO2021102161 A1 2021-05-27.
- Prani Paka, et al. *World J Nephrol.* 2018 Sep 7;7(5):96-107.

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

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