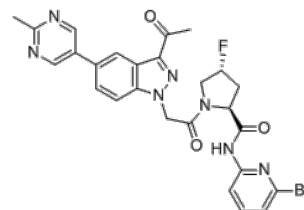


Product Name : Danicopan
Cat. No. : PC-35445
CAS No. : 1903768-17-1
Molecular Formula : C₂₆H₂₃BrFN₇O₃
Molecular Weight : 580.418
Target : Complement System
Solubility :



Biological Activity

Danicopan (ACH-4471, ACH-0144471) is a highly potent, orally active **Factor D** inhibitor with K_d of 0.54 nM, inhibits the proteolytic activity of purified Factor D against substrate Factor B in complex with C3b, blocking production of Bb fragment IC₅₀ of 15 nM; significantly reduces complement-mediated hemolysis at concentrations as low as 10 nM in cells from paroxysmal nocturnal hemoglobinuria patients, decreases C3 fragment deposition on paroxysmal nocturnal hemoglobinuria erythrocytes; blocks alternative pathway activity when administered orally to cynomolgus monkeys.

Other Indication

Phase 2 Clinical

References

Yuan X, et al. *Haematologica*. 2017 Mar;102(3):466-475.

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

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