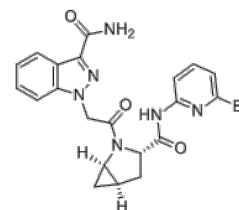


Product Name : Factor D inhibitor 7
Cat. No. : PC-62225
CAS No. : 1386455-76-0
Molecular Formula : C₂₁H₁₉BrN₆O₃
Molecular Weight : 483.326
Target : Complement System
Solubility : 10 mM in DMSO



Biological Activity

Factor D inhibitor 7 is a potent and selective, orally bioavailable inhibitor of **Factor D** with IC₅₀ of 50 nM.

Factor D inhibitor 7 is highly selective for human FD, showing no inhibition of factor B.

Factor D inhibitor 7 efficiently block alternative pathway activation and prevent both C3 deposition onto, and lysis of, PNH erythrocytes.

Factor D inhibitor 7 inhibits lipopolysaccharide-induced AP activation in FD-humanized mice.

References

Maibaum J, et al. *Nat Chem Biol*. 2016 Dec;12(12):1105-1110.

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

E-mail: tech@probechem.com