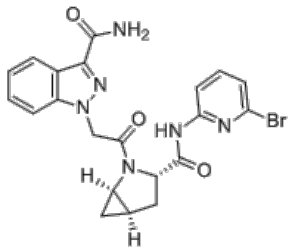


Product Name	: Factor D inhibitor 7	
Synonyms	: FD inhibitor-2; MDK55760; MDK-55760; MDK 55760;	
Cat No.	: M11607	
CAS Number	: 1386455-76-0	
Molecular Formula	: C ₂₁ H ₁₉ BrN ₆ O ₃	
Formula Weight	: 483.33	
Chemical Name	1-(2-((1R,3S,5R)-3-((6-bromopyridin-2-yl)carbamoyl)-2-azabicyclo[3.1.0]hexan-2-yl)-2-oxoethyl)-1H-indazole-3-carboxamide	
Description	Factor D inhibitor 7 is a potent and selective, orally bioavailable inhibitor of Factor D with IC ₅₀ of 50 nM; is highly selective for human FD, showing no inhibition of factor B; efficiently block alternative pathway activation and prevent both C3 deposition onto, and lysis of, PNH erythrocytes; inhibits lipopolysaccharide-induced AP activation in FD-humanized mice.	
Pathway	Immunology/Inflammation	
Target	Complement System	
Receptor	Complement System	
Solubility	—	
SMILES	<chem>O=C(C1=NN(CC(N2[C@]3([H])C[C@]3([H])C[C@H]2C(NC4=NC(Br)=CC=C4)=O)=O)C5=C1C=CC=C5)N</chem>	
Storage	(-20°C)	
Stability	≥ 2 years	
Reference	:	

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