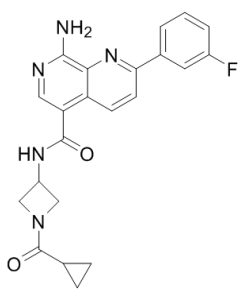


Product Name	: GNE-495	
Synonyms	: GNE 495; GNE495	
Cat No.	: M11931	
CAS Number	: 1449277-10-4	
Molecular Formula	: C ₂₂ H ₂₀ FN ₅ O ₂	
Formula Weight	: 405.42	
Chemical Name	: 1,7-Naphthyridine-5-carboxamide, 8-amino-N-[1-(cyclopropylcarbonyl)-3-azetidinyl]-2-(3-fluorophenyl)-	
Description	: A potent and highly selective, cell permeable MAP4K4 inhibitor with IC ₅₀ of 3.7 nM; exhibits adequate potency preventing migration of HUVEC cells in vitro (IC ₅₀ =57 nM); has good PK and demonstrates in vivo efficacy in a retinal angiogenesis model .	
Pathway	: MAPK/ERK Signaling	
Target	: MAP4K	
Receptor	: MAP4K	
Solubility	: DMSO: 10 mg/mL	
SMILES	: <chem>O=C(C1=C2C=CC(C3=CC=CC(F)=C3)=NC2=C(N)N=C1)NC4CN(C(C5CC5)=O)C4</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Ndubaku CO, et al. ACS Med Chem Lett. 2015 Jun 29;6(8):913-8.