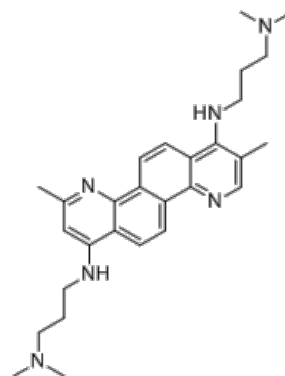


Product Name	: FGI-106
Synonyms	: FGI106
Cat No.	: M14684
CAS Number	: 501081-38-5
Molecular Formula	: C ₂₈ H ₃₈ N ₆
Formula Weight	: 458.65
Chemical Name	: Quino[8,7-h]quinoline-1,7-diamine, N,N'-bis[3-(dimethylamino)propyl]-3,8-dimethyl- (9Cl)
Description	: FGI-106 is a broad-spectrum inhibitor of multiple blood-borne viruses (HCV, HBV, HIV) as well as emerging biothreats (Ebola, VEE, Cowpox, PRRSV infection) with EC ₅₀ of 0.2-10 uM; inhibits the interaction of TSG101 with its cognate viral ligands; displays an ability to prevent lethality from Ebola in vivo; well-tolerated and orally bioavailable.
Pathway	: Microbiology/Virology
Target	: Filovirus
Receptor	: Filovirus
Solubility	: —
SMILES	: <chem>CC1=CC(=C2C=CC3=C(C2=N1)C=CC4=C(C=C(N=C34)C)NCCCN(C)C)NCCCN(C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Kinch MS, et al. AmJ Transl Res. 2009 Jan 5;1(1):87-98. | 2. De Clercq E. Med Res Rev. 2013 Nov;33(6):1249-77.