

Product Name	: DMA-135 hydrochloride
Synonyms	: —
Cat No.	: M35544
CAS Number	: 2237925-62-9
Molecular Formula	: C ₁₆ H ₁₈ ClN ₇ O
Formula Weight	: 359.81
Chemical Name	: —
Description	: DMA-135 hydrochloride inhibits enterovirus 71 (EV71) IRES-dependent translation and replication. DMA-135 hydrochloride binds to enterovirus 71 (EV71) SLII domain with moderately high affinity (K _D = 520 nM). DMA-135 hydrochloride has no significant toxicity in cell-based studies. DMA-135 (hydrochloride) is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
Pathway	: Others
Target	: Other Targets
Receptor	: Virus Protease
Solubility	: In Vitro: ?DMSO : 50 mg/mL (138.96 mM); Ultrasonic (<60°C)
SMILES	: Cl.CN(C)c1nc(N)c(nc1C#Cc1cccc1)C(=O)NC(N)=N
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Davila-Calderon J, Patwardhan NN, Chiu LY, et al. IRES-targeting small molecule inhibits enterovirus 71 replication via allosteric stabilization of a ternary complex. Nat Commun. 2020;11(1):4775. Published 2020 Sep 22.?