

Product Name	: Letemovir
Synonyms	: AIC246;MK-8828
Cat No.	: M20144
CAS Number	: 917389-32-3
Molecular Formula	: C ₂₉ H ₂₈ F ₄ N ₄ O ₄
Formula Weight	: 572.55
Chemical Name	: (S)-2-(8-fluoro-3-(2-methoxy-5-(trifluoromethyl)phenyl)-2-(4-(3-methoxyphenyl)piperazin-1-yl)-3,4-dihydroquinazolin-4-yl)acetic acid
Description	: Letemovir (AIC246) is a novel anti-CMV compound (EC ₅₀ : about 5 nM in fibroblast cells). It targets the pUL56 subunit of the viral terminase complex.
Pathway	: Microbiology/Virology
Target	: HCV
Receptor	: HCMV
Solubility	: DMSO:70 mg/mL (122.26 mM);Ethanol:2 mg/mL
SMILES	: <chem>COc1cccc(c1)N1CCN(CC1)C1=Nc2c(F)cccc2[C@H](CC(=O)O)N1c1cc(ccc1OC)C(F)(F)F</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Lischka P et al. In vitro and in vivo activities of the novel anticytomegalovirus compound AIC246. Antimicrob Agents Chemother. 2010 Mar;54(3):1290-7.