

Product Name	: Laninamivir
Synonyms	: CS-8958
Cat No.	: M13162
CAS Number	: 203120-46-1
Molecular Formula	: C ₂₁ H ₃₆ N ₄ O ₈
Formula Weight	: 472.54
Chemical Name	: (4S,5R,6R)-5-acetamido-4-guanidino-6-[(1R,2R)-2-hydroxy-1-methoxy-3-(octanoyloxy)propyl]-5,6-dihydro-4H-pyran-2-carboxylic acid
Description	: Laninamivir (CS-8958) is a prodrug of the influenza neuraminidase (NA) inhibitor R-125489, shows long-acting anti-influenza virus activity. Influenza Approved
Pathway	: Microbiology/Virology
Target	: Influenza Virus
Receptor	: Influenza Virus
Solubility	: —
SMILES	: <chem>O=C(C1=C[C@H](NC(N)=N)[C@@H](NC(C)=O)[C@H]([C@H](OC)[C@H](O)COC(CCCCCC)=O)O1)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Yamashita M, et al. Antimicrob Agents Chemother. 2009 Jan;53(1):186-92. | 2. Koyama K, et al. Antimicrob Agents Chemother. 2009 Nov;53(11):4845-51. | 3. Kubo S, et al. Antimicrob Agents Chemother. 2010 Mar;54(3):1256-64. | 4. Sugaya N, et al. Antimicrob Agents Chemother. 2010 Jun;54(6):2575-82.