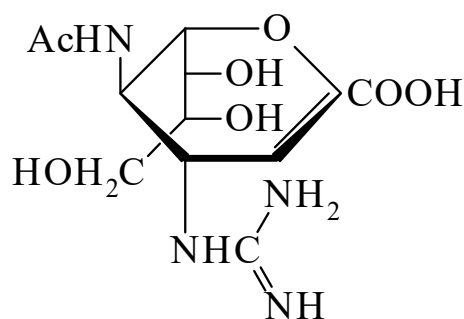




>>Entry Name: Zanamivir, BAN, USAN

Synonym(s): 5-(Acetylamino)-4-[(aminoiminomethyl)amino]-2,6-anhydro-3,4,5-trideoxy-D-glycero-D-galacto-non-2-enoic acid, 9Cl. 2,4-Dideoxy-2,3-dehydro-4-guanidino-N-acetylneuraminic acid. Relenza. GG 167. GR 121167X



CAS Registry Number: 139110-80-8

Related CAS Registry Numbers(s): 139110-56-8

Molecular Formula: C₁₂H₂₀N₄O₇

Molecular Weight: 332.313

Accurate Mass: 332.133201

Percentage Composition: C 43.37%; H 6.07%; N 16.86%; O 33.70%

Use/Importance: Neuraminidase (sialidase) inhibitor. Inhibits influenza virus replication *in vitro* and in mice. Antiviral agent

Physical Description: Cryst.

Development Status: Launched 1999 (Australia)

Melting Point: Mp 256 dec.°

Optical Rotation: $[\alpha]_D^{20} +40.9$ (c, 0.9 in H₂O)

Calculated Log P Data: Log P -4.81 (calc)

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