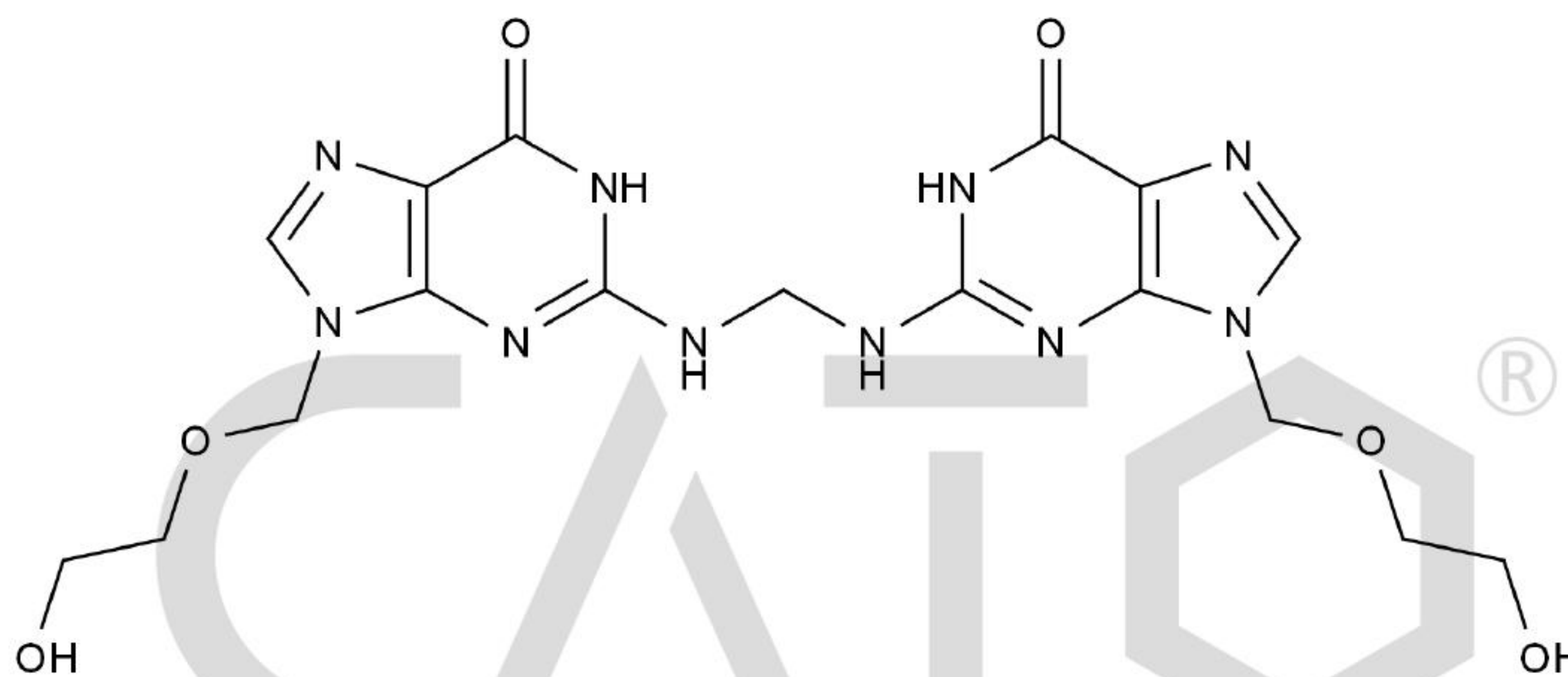


Certificate of Analysis

Reference Material & Standard

Product Name:	Aciclovir EP Impurity K	Catalogue Number:	C4X-101011
Synonyms:	N/A	Lot Number:	0825-RG-0137
CAS Number:	1797131-64-6	Expiry Date:	Aug 22, 2029
Molecular Formula:	C ₁₇ H ₂₂ N ₁₀ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	462.42	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	95.445%
Residue on Ignition	TGA	0.2686%
Loss on Drying	TGA	0.3301%
Assay		94.9%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 03, 2026

Date: Apr 03, 2026

Date: Apr 03, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

