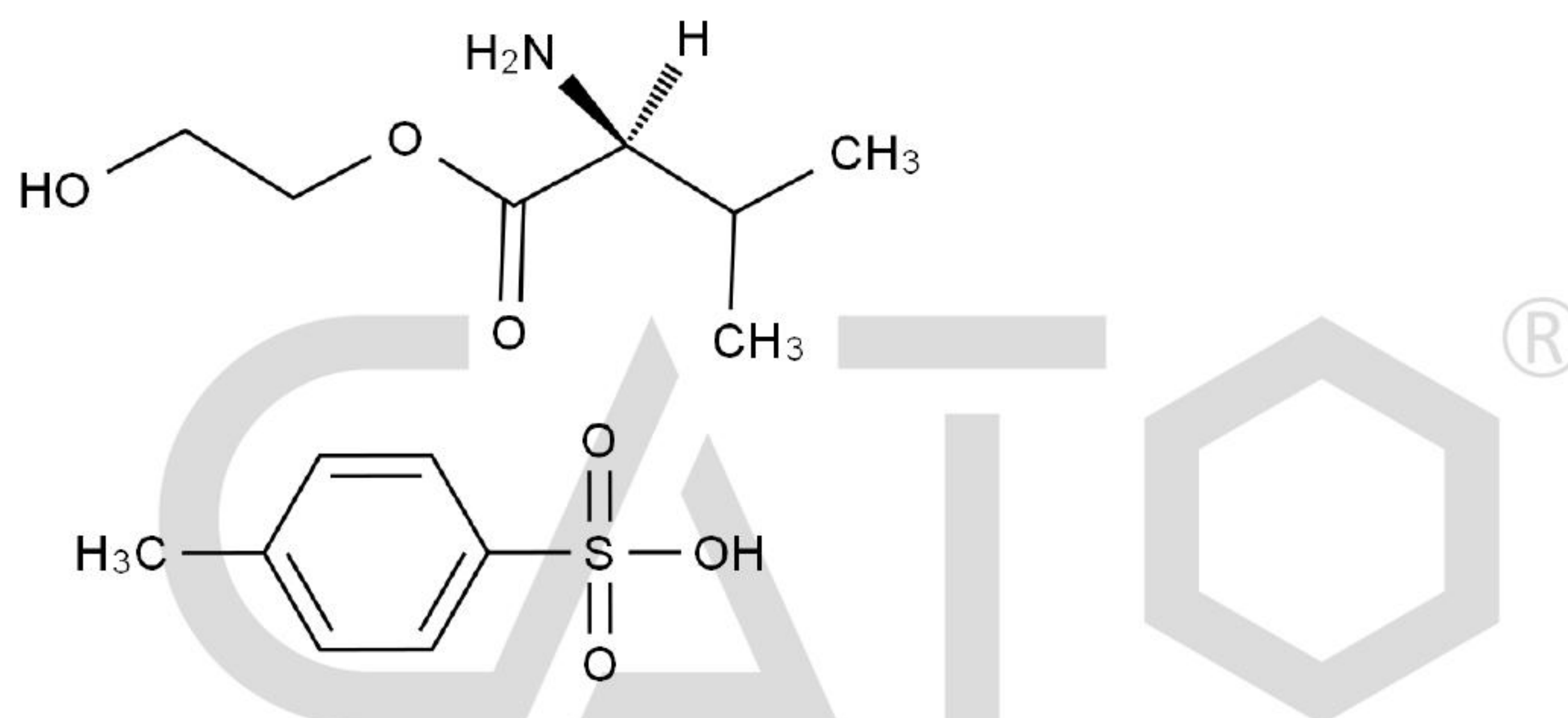


Certificate of Analysis

Reference Material & Standard

Product Name:	Valaciclovir EP Impurity F(p-toluenesulfonic acid)	Catalogue Number:	C4X-12486
Synonyms:	Valacyclovir Related Compound F	Lot Number:	0121-RH-0009
CAS Number:	86150-61-0 ; 86150-60-9(free base)	Expiry Date:	Jan 21, 2030
Molecular Formula:	C ₇ H ₈ O ₃ S C ₇ H ₁₅ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	172.20 161.20	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.175%
Loss On Drying	TGA	0.0179%
Assay		99.2%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 22, 2026

Date: Jan 22, 2026

Date: Jan 22, 2026



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