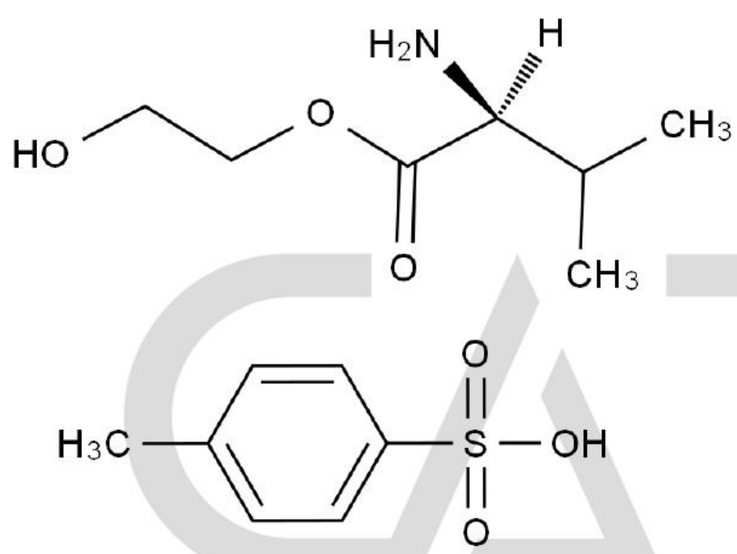
Certificate of Analysis

Reference Material & Standard

Product Name:	Valaciclovir EP Impurity F(p-toluenesulfonic acid)	**Catalogue Number:**	C4X-12486
Synonyms:	Valacyclovir Related Compound F	**Lot Number:**	0830-RH-0026
CAS Number:	86150-61-0；86150-60-9(free base)	**Expiry Date:**	Sep 01, 2030
Molecular Formula:	$C_7H_8O_3S$ $C_7H_{15}NO_3$	**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	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.434%
Loss on Drying	TGA	0.0869%
Assay		99.3%

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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: Alice — Date: Sep 02, 2026

Reviewed by: Koi — Date: Sep 02, 2026

Approved by General Manager: David — Date: Sep 02, 2026

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