

Certificate of Analysis

Valacyclovir-d₈ (hydrochloride)

Cat. No.: HY-17425AS

CAS No.: 1279033-32-7

Batch No.: 256816

Chemical Name: L-Valine-2,3,4,4,4,4',4',4'-d8, 2-[(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)methoxy]ethyl ester,

hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{13}H_{13}D_8ClN_6O_4$

Molecular Weight: 368.85

Storage: 4°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

 $\begin{array}{c|c} H_2N \\ HN \\ O \\ N \end{array} \begin{array}{c} NH_2 \\ O \\ D \\ D \\ D \end{array} \begin{array}{c} D \\ D \\ D \\ D \end{array}$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity: ≥98.0%
Isotopic Enrichment: 98.90%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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