Certificate of Analysis

Penciclovir-d₄

Cat. No.: HY-17424S

CAS No.: 1020719-72-5

Batch No.: 251460

Chemical Name: 6H-Purin-6-one, 2-amino-1,9-dihydro-9-[4-hydroxy-3-(hydroxymethyl)butyl-3,3,4,4-d4]-

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:molecular Formula: C10H11D4N5O3} \mbox{Molecular Formula: } \mbox{C}_{10}\mbox{H}_{11}\mbox{D}_{4}\mbox{N}_{5}\mbox{O}_{3}$

Molecular Weight: 257.28

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$H_2N$$
 N
 N
 D
 D
 HO
 OH

ANALYTICAL DATA

Appearance: White to light yellow (Solid)

Purity: ≥97.0%
Isotopic Enrichment: 99.57%

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA