

Screening Libraries

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Certificate of Analysis

SAICAR

 Cat. No.:
 HY-126585

 CAS No.:
 3031-95-6

 Batch No.:
 100440

Chemical Name: L-Aspartic acid, N-[[5-amino-1-(5-O-phosphono-β-D-ribofuranosyl)-1H-imidazol-4-yl]carbonyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{13}H_{19}N_4O_{12}P$

Molecular Weight: 454.28

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

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

light)

Chemical Structure:

ANALYTICAL DATA

Appearance: Purple to purplish red (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.36%

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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