

Certificate of Analysis

Itaconic acid-13C₅

Cat. No.: HY-Y0520S

CAS No.: 2095777-38-9

Batch No.: 318009

Chemical Name: Butanedioic-1,2,3,4-13C4 acid, 2-(methylene-13C)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $^{13}C_5H_6O_4$ Molecular Weight: $^{13}C_5H_6O_4$

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\begin{array}{c|c} & & & & O \\ & & & & | \\ & & & | \\ & & & \\ & &$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity: ≥97.00%
Isotopic Enrichment: 99.50%

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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