## **Certificate of Analysis**

## Managlinat dialanetil

Cat. No.: HY-14955
CAS No.: 280782-97-0
Batch No.: 253315

Chemical Name: L-Alanine, N,N'-[[5-[2-amino-5-(2-methylpropyl)-4-thiazolyl]-2-furanyl]phosphinylidene]bis-, 1,1

'-diethyl ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{33}N_4O_6PS$ 

Molecular Weight: 500.55

Storage: -20°C, stored under nitrogen

\* In solvent: -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.13%

**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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