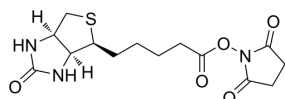


Certificate of Analysis

| | |
|-----------------------|---|
| Product Name: | Biotin NHS |
| Cat. No.: | CS-5714 |
| CAS No.: | 35013-72-0 |
| Batch No.: | Lf0105116892 |
| Chemical Name: | 1H-Thieno[3,4-d]imidazole-4-pentanoic acid, hexahydro-2-oxo-, 2,5-dioxo-1-pyrrolidinyl ester, (3aS,4S,6aR)- |

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|---|
| Molecular Formula: | C ₁₄ H ₁₉ N ₃ O ₅ S |
| Molecular Weight: | 341.38 |
| Storage: | -20°C, sealed storage, away from moisture and light |
| Chemical Structure: | |



ANALYTICAL DATA

| | |
|------------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| MS: | Consistent with structure |
| Purity (NMR): | ≥98.0% |
| 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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