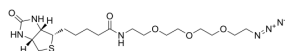


Certificate of Analysis

| | |
|-----------------------|--|
| Product Name: | Biotin-PEG3-azide |
| Cat. No.: | CS-0105250 |
| CAS No.: | 875770-34-6 |
| Batch No.: | 158349 |
| Chemical Name: | 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[2-[2-[2-(2-azidoethoxy)ethoxy]ethoxy]ethyl]hexahydro-2-oxo-, (3aS,4S,6aR)- |

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|---|
| Molecular Formula: | C ₁₈ H ₃₂ N ₆ O ₅ S |
| Molecular Weight: | 444.55 |
| Storage: | Storage temp. 2-8°C |
| Chemical Structure: | |



ANALYTICAL DATA

| | |
|------------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| OR(C=1.29g/100ml ETOH): | 29.2° |
| 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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