



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-477942
Lot Number: SAMPLE
Product Name: 13C6-Lys octreotide tri(trifluoroacetate)
CAS Number: 83150-76-9 (unlabeled free base)
Molecular Formula: $C_{43}({}^{13}C)_6H_{26}N_{10}O_{10}S_2 \cdot C_6F_5O_2$
Molecular Weight: 1367.26

| Test | Result |
|------------------------------------|--|
| Appearance | White solid |
| Identification (1H-NMR) | Consistent with structure |
| Identification (19F-NMR) | Consistent with structure |
| Identification (Mass Spectrometry) | Consistent with structure |
| Isotopic Purity | 99.8% |
| Purity | 96% |
| Atmosphere | Inert gas |
| Melting Point | > 196 °C (dec.) |
| Solubility | Acetic Acid (very slightly), DMSO (slightly) |
| Specific Rotation | -63.4° (c = 0.1, Glacial Acetic Acid) |
| Trifluoroacetic acid | 16.97% by Ion Chromatography |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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