



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-221257
Lot Number: SAMPLE
Product Name: Apoptosis Activator VII, Apoptozole
CAS Number: 1054543-47-3
Molecular Formula: $C_{33}H_{24}F_6N_3O_3$
Molecular Weight: 625.6

| Test | Specification | Result |
|------------------------------------|---------------|---|
| Appearance | | White solid |
| Identification (1H -NMR) | | Consistent with structure |
| Identification (Mass Spectrometry) | | Consistent with structure |
| Purity | | 100.0% |
| TLC | | R_f : 0.8 |
| Melting Point | | 223 - 225 °C |
| Solubility | | Soluble in DMSO (50.0 mg/ml) and insoluble in water |
| Carbon Content | 63.36% | 63.25% |
| Hydrogen Content | 3.88% | 4.03% |
| Nitrogen Content | 6.49% | 6.71% |

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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