



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211556
Lot Number: SAMPLE
Product Name: Gemcitabine Monophosphate Formate Salt
CAS Number: 116371-67-6
Molecular Formula: $C_{10}H_{14}F_2N_3O_9P$
Molecular Weight: 389.20
Native Source: Synthetic

| Test | Result |
|------------------------------------|----------------------------------------|
| Appearance | Off-white solid |
| Identification (1H-NMR) | Complies |
| Identification (Mass Spectrometry) | Complies |
| Purity (TLC) | 97% |
| Atmosphere | Inert Gas |
| Melting Point | 266 - 285 °C (dec) |
| Solubility | Dimethyl Sulfoxide, Methanol and Water |
| Carbon Content | 31.64% |
| Hydrogen Content | 3.66% |
| Nitrogen Content | 10.32% |

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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