



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-361408
Lot Number: SAMPLE
Product Name: XMD 8-92 Trifluoroacetate
CAS Number: 1234480-50-2 (free base)
Molecular Formula: $C_{26}H_{30}N_6O_3 \cdot C_2HF_3O_2$
Molecular Weight: 588.58

| Test | Result |
|------------------------------------|---|
| Appearance | Off-white solid |
| Identification (1H-NMR) | Confirm chemical structure (300 MHz) |
| Identification (Mass Spectrometry) | Confirm chemical structure |
| Purity | 99.1% |
| TLC | Rf = 0.35 DCM/MeOH(9:1) |
| Melting Point | 146.1 -147.5 °C |
| Solubility | Soluble in water at 0.1 mg/ml (poorly soluble), soluble in DMSO at 46.0 mg/ml, (DMSO improves solubility) |

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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