

CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-212181 Lot Number: SAMPLE

Product Name: N-Deshydroxyethyl Dasatinib

CAS Number: 910297-51-7 Molecular Formula: $C_{20}H_{22}CIN_7OS$ Molecular Weight: 443.95 Native Source: Synthetic

| Test | Specification | Result |
|--------------------------------------|---------------------------|-------------------------------|
| Appearance | | Off-white solid |
| Identification (¹ H-NMR) | Consistent with structure | Complies |
| Identification (Mass Spectrometry) | Consistent with structure | Complies |
| Purity (TLC) | | 98% |
| Atmosphere | | Air |
| Melting Point | | > 270 °C (dec.) |
| Solubility | | DMSO and methanol (sparingly) |
| Impurity | | Dioxane: 1% |

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