



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-209586
Lot Number: SAMPLE
Product Name: 3-Cysteinyacetaminophen trifluoroacetic acid salt
CAS Number: 1331891-93-0
Molecular Formula: $C_{11}H_{14}N_2O_4S \cdot C_2HF_3O_2$
Molecular Weight: 384.33

Test	Specification	Result
Appearance	Off-white to dark grey solid	Off-white solid
Identification (NMR)	Conforms to structure	Complies
Identification (19F-NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Purity		97%
Purity (HPLC)		97.30% (240 nm)
Elemental Analysis	Conforms	%C: 35.81 %H: 3.05 %N: 5.47
Solubility		DMSO (Slightly), Water (Slightly)
Specific Rotation		+4.9° (c = 0.2, water)

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com