



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252347
Lot Number: SAMPLE
Product Name: AC-41848 hydrate
CAS Number: 400856-69-1 (anhydrous)
Molecular Formula: $C_{21}H_{21}BrCl_2N_2 \cdot xH_2O$
Molecular Weight: 452.21 (anhydrous basis)

Test	Specification	Result
Appearance		Off-white solid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with Molecular Weight	Complies
Purity (HPLC)		98.8%
Solubility		> 5 mg/ml in water > 5 mg/ml in DMSO
Bromine Content		16.94%
Carbon		53.31%
Chloride		15.48%
Hydrogen		4.83%
Nitrogen		6.03%
Water Content (CHN)		1 mole/ mole

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