



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-227010
Lot Number: SAMPLE
Product Name: 5-Pregnen-3 β -ol-20-one-16 α -carbonitrile
CAS Number: 1434-54-4
Molecular Formula: C₂₂H₃₁NO₂
Molecular Weight: 341.49

Test	Specification	Result
Appearance (Color)	White to off-white	White
Appearance (Form)	Powder or crystals or chunk(s) or powder with chunk(s) or crystals with chunk(s)	Powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 97\%$	$> 99\%$
Solubility	Clear and colorless to faint yellow solution at 50 mg/ml in CHCl ₃ : MeOH (1: 1) with heat	Clear and colorless solution
Carbon Content	74.7 - 79.3%	77.3%
Nitrogen Content	3.8 - 4.4%	4.1%

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