



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-213152  
Lot Number: SAMPLE  
Product Name: Verlukast  
CAS Number: 120443-16-5  
Molecular Formula:  $C_{26}H_{27}ClN_2O_3S_2$   
Molecular Weight: 515.09  
Native Source: Synthetic

Test	Result
Appearance	Yellow Solid
Chiral purity (HPLC)	95.07%
Identification (1H-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Purity (TLC)	95%
Atmosphere	Air
Elemental Analysis	(Found) %C: 59.58, %H: 5.40, %N: 5.03; (Calculated) %C: 60.63, %H: 5.28, %N: 5.44
Melting Point	59.5 - 65.0°C
Solubility	DMSO, Methanol

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](http://www.scbt.com)