

# Certificate of analysis



## BB-22 4-hydroxyisoquinoline isomer *isoquinolin-4-yl 1-(cyclohexylmethyl)-1H-indole-3-carboxylate*

Item number ....:14541  
Batch number :0448519  
Purity Specification.....>98%

Molecular Formula: C<sub>25</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>  
CAS Number .....

Formula Weight: 384.50  
Expiry date .....: 6/12/2016

Tests	Specifications	Results
HPLC	Column .....: C18, 5 $\mu$ , 4.6 X 250 mm Mob. Phase.....: Methanol:10mM Ammonium Acetate (80:20) Flow Rate.....: 1.00 ml/min Detector UV .....: 210 nm	Retention Time Actual.: 16.60 min Purity .....: 99.2 %
IR	Conforms with standard	Conforms
Mass	Source Type .....: APCI MH+	Expected 385.2 Actual 385.2
Melting Point	119 - 127 °C	122 - 123 °C
TLC	Mob. Phase.....: Dichloromethane:Methanol (95:5) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid	Rf.....: 0.56 Purity % .....: 100.00
UV	max .....: 296, 216 nm	max .....: 296, 216 nm

Analyzed by: Ashley Macey

Approved by: Libby Perry