

# Certificate of analysis



## FUB-NPB-22

quinolin-8-yl 1-(4-fluorobenzyl)-1H-indazole-3-carboxylate

Item number ....:16883  
Batch number :0464270  
Purity Specification.....: 95%

Molecular Formula: C<sub>24</sub>H<sub>16</sub>FN<sub>3</sub>O<sub>2</sub>  
CAS Number .....

Formula Weight: 397.40  
Expiry date .....: 1/7/2017

Tests	Specifications	Results
HPLC	Column .....: C18, 5 $\mu$ , 4.6 X 250 mm Mob. Phase.....: Methanol:Water:Acetic acid (80:20:0.1) Flow Rate.....: 1.00 ml/min Detector UV .....: 210 nm	Retention Time Actual.: 5.70 min Purity .....: 97.4 %
IR	Conforms with standard	Conforms
Mass	Source Type .....: ESI M+Na MH+	Expected 420.3 398.9 Actual 420.3 398.9
TLC	Mob. Phase.....: Hexane:Ethyl Acetate (50:50) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid	Rf.....: 0.47 Purity % .....: 100.00
UV	max .....: 300, 224 nm	max .....: 300, 224 nm

Analyzed by: Ashley Macey

Approved by: Libby Perry