

Certificate of analysis



FDU-PB-22

naphthalen-1-yl 1-(4-fluorobenzyl)-1H-indole-3-carboxylate

Item number:14968

Molecular Formula .: C₂₆H₁₈FNO₂

Formula Weight : 395.40

Batch number...:0451941

CAS Number

Expiry date: 2/16/2018

Purity Specification:>98%

Tests	Specifications	Results
HPLC	Column: C18, 5 μ , 4.6 X 250 mm Mob. Phase.....: Methanol:10 mM Ammonium acetate (aq), pH 7.0 (90:10) Flow Rate.....: 1.00 ml/min Detector UV: 220 nm	Retention Time Actual.: 4.90 min Purity: 100.0 %
IR	Conforms with standard	Conforms
Mass	Source Type.....: APCI MH+	Expected 395.8 Actual 395.8
Melting Point	154 - 167 °C	157 - 163 °C
TLC	Mob. Phase.....: Hexane:Ethyl Acetate:Acetic Acid (80:20:1) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid	Rf.....: 0.41 Purity %: 100.00
UV	λ max: 220, 294 nm	λ max: 220, 294 nm

Analyzed by: Jennifer Mastroeni

Approved by: Libby Perry