

Certificate of analysis



PB-22 N-(5-hydroxypentyl) metabolite quinolin-8-yl 1-(5-hydroxypentyl)-1H-indole-3-carboxylate

Item number:14387
Batch number :0457378
Purity Specification.....:≥98%

Molecular Formula: C₂₃H₂₂N₂O₃
CAS Number

Formula Weight: 374.40
Expiry date: 4/30/2016

Tests	Specifications	Results
HPLC	Column: C18, 5μ, 4.6 X 250 mm Mob. Phase.....: Methanol:Water:Acetic acid (85:15:0.1) Flow Rate.....: 1.00 ml/min Detector UV: 216 nm	Retention Time Actual.: 5.00 min Purity: 100.0 %
IR	Conforms with standard	Conforms
Mass	Source Type: ESI M+Na MH+	Expected 397.4 375.3 Actual 397.4 375.5
Melting Point	120 - 130 °C	124 - 125 °C
TLC	Mob. Phase.....: Dichloromethane:Methanol (90:10) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid	Rf.....: 0.66 Purity %: 100.00
UV	λ max: 294, 230, 216 nm	λ max: 293, 230, 217 nm

Analyzed by: Jessie Schrot

Approved by: Libby Perry