

Certificate of analysis



UR-144 N-(5-hydroxypentyl) metabolite

[1-(5-hydroxypentyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)-methanone

Item number:11775
Batch number :0452182
Purity Specification.....: 98%

Molecular Formula: C₂₁H₂₉NO₂
CAS Number: 895155-95-0

Formula Weight: 327.50
Expiry date: 1/3/2016

Tests	Specifications	Results
HPLC	Column: C18, 5 μ , 4.6 X 250 mm Mob. Phase.....: Acetonitrile:Water:Acetic acid (70:30:0.1) Flow Rate.....: 1.00 ml/min Detector UV: 218 nm	Retention Time Actual.: 6.50 min Purity: 100.0 %
IR	Conforms with standard	Conforms
Mass	Source Type: APCI MH+	Expected 328.2 Actual 328.2
Melting Point	80 - 85 °C	80 - 83 °C
TLC	Mob. Phase.....: Dichloromethane:Methanol (95:5) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid	Rf.....: 0.42 Purity %: 100.00
UV	max: 304, 247, 217 nm	max: 304, 247, 218 nm

Analyzed by: Ashley Macey

Approved by: Libby Perry