

Certificate of analysis



UR-144 N-pentanoic acid metabolite

5-(3-(2,2,3,3-tetramethylcyclopropanecarbonyl)-1H-indol-1-yl)pentanoic acid

Item number:11773
Batch number :0454813
Purity Specification.....: 98%

Molecular Formula: C₂₁H₂₇NO₃
CAS Number: 1451369-33-7

Formula Weight: 341.50
Expiry date: 1/31/2016

| 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: 217 nm | Retention Time Actual.: 5.70 min Purity: 100.0 % |
| IR | Conforms with standard | Conforms |
| Mass | Source Type: ESI M-H+ | Expected 340.3 Actual 340.6 |
| Melting Point | 123 - 133 °C | 124 - 125 °C |
| TLC | Mob. Phase.....: Hexane:Ethyl Acetate:Acetic Acid (60:40:1) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid | Rf.....: 0.46 Purity %: 100.00 |
| UV | max: 304, 247, 217 nm | max: 304, 246, 218 nm |

Analyzed by: Ashley Macey

Approved by: Libby Perry