

Certificate of analysis



JWH 073 N-butanoic acid metabolite 4-(3-(1-naphthoyl)-1H-indol-1-yl)-butanoic acid

Item number:9000866
Batch number :0454210
Purity Specification.....: 98%

Molecular Formula: C₂₃H₁₉NO₃
CAS Number: 1307803-52-6

Formula Weight: 357.40
Expiry date: 12/16/2015

Tests	Specifications	Results
HPLC	Column: C18, 5 μ , 4.6 X 250 mm Mob. Phase.....: Acetonitrile:Water:Acetic acid (60:40:0.1) Flow Rate.....: 1.00 ml/min Detector UV: 210 nm	Retention Time Actual.: 5.70 min Purity: 100.0 %
IR	Conforms with standard	Conforms
Mass	Source Type: ESI M+Na MH+	Expected 380.3 358.1 Actual 380.3 358.4
Melting Point	61 - 86 °C	83 - 85 °C
TLC	Mob. Phase.....: Dichloromethane:Methanol (95:5) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid	Rf.....: 0.21 Purity %: 100.00
UV	max: 218, 246, 315 nm	max: 219, 246, 315 nm

Analyzed by: Ashley Macey

Approved by: Libby Perry