

Certificate of analysis



AB-CHMINACA metabolite M3A

(1-((4-hydroxycyclohexyl)methyl)-1H-indazole-3-carbonyl)-L-valine

Item number:16391
Batch number :0461891
Purity Specification.....>98%

Molecular Formula: C₂₀H₂₇N₃O₄
CAS Number

Formula Weight: 373.50
Expiry date: 10/3/2015

Tests	Specifications	Results
HPLC	Column: C18, 5μ, 4.6 X 250 mm Mob. Phase.....: Methanol:10 mM Ammonium acetate (aq), pH 7.0 (50:50) Flow Rate.....: 1.00 ml/min Detector UV: 210 nm	Retention Time Actual.: 7.30 min Purity: 99.2 %
IR	Conforms with standard	Conforms
Mass	Source Type: ESI M-H+	Expected 372.6 Actual 372.6
TLC	Mob. Phase.....: Dichloromethane:Methanol:Acetic acid (95:5:1) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid	Rf.....: 0.28 Purity %: 100.00
UV	λ max: 210, 301 nm	λ max: 210, 301 nm

Analyzed by: Jessie Schrot

Approved by: Libby Perry

Jessie Schrot

Libby Perry