

Certificate of analysis



MMB018

methyl (1-pentyl-1H-indole-3-carbonyl)-L-valinate

Item number:15970
Batch number :0458220
Purity Specification.....>98%

Molecular Formula: C20H28N2O3
CAS Number

Formula Weight: 344.50
Expiry date: 6/5/2016

Tests	Specifications	Results
HPLC	Column: C18, 5 μ , 4.6 X 250 mm Mob. Phase.....: Methanol:Water:Acetic acid (80:20:0.1) Flow Rate.....: 1.00 ml/min Detector UV: 210 nm	Retention Time Actual.: 6.70 min Purity: 100.0 %
IR	Conforms with standard	Conforms
Mass	Source Type: APCI MH+	Expected 345.0 Actual 345.0
Melting Point	114 - 124 °C	117 - 120 °C
TLC	Mob. Phase.....: Hexane:Ethyl Acetate (70:30) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid	Rf.....: 0.39 Purity %: 100.00
UV	max: 290, 218 nm	max: 290, 218 nm

Analyzed by: Ashley Macey

Approved by: Libby Perry