

Certificate of analysis



Flubromazolam

8-bromo-6-(2-fluorophenyl)-1-methyl-4H-[1,2,4]triazolo[4,3-a][1,4]benzodiazepine

Item number:16435
Batch number :0464453
Purity Specification.....: 98%

Molecular Formula: C₁₇H₁₂BrFN₄
CAS Number: 612526-40-6

Formula Weight: 371.20
Expiry date: 1/12/2017

Tests	Specifications	Results
HPLC	Column: C18, 5 μ , 4.6 X 250 mm Mob. Phase.....: Methanol:Water:Acetic acid (65:35:0.1) Flow Rate.....: 1.00 ml/min Detector UV: 225 nm	Retention Time Actual.: 6.10 min Purity: 100.0 %
IR	Conforms with standard	Conforms
Mass	Source Type: APCI MH+	Expected 373.0 Actual 373.0
Melting Point	205 - 216 °C	212 - 216 °C
TLC	Mob. Phase.....: Dichloromethane:Methanol:Ammonium Hydroxide (95:5:1) Stationary Phase: Silica Gel Visualized With ...: UV	Rf.....: 0.20 Purity %: 100.00
UV	max: 225 nm	max: 225 nm

Analyzed by: Jessie Schrot

Approved by: Libby Perry