

Certificate of analysis



5-fluoro SDB-005

naphthalen-1-yl 1-(5-fluoropentyl)-1H-indazole-3-carboxylate

Item number:15353
Batch number :0454996
Purity Specification.....>98%

Molecular Formula: C₂₃H₂₁FN₂O₂
CAS Number

Formula Weight: 376.40
Expiry date: 2/12/2016

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: 221 nm	Retention Time Actual.: 13.30 min Purity: 99.6 %
IR	Conforms with standard	Conforms
Mass	Source Type: OTHER M+Na MH+	Expected 399.4 377.3 Actual 399.4 377.3
Melting Point	65 - 75 °C	69 - 72 °C
TLC	Mob. Phase.....: Hexane:Ethyl Acetate (70:30) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid	Rf.....: 0.49 Purity %: 100.00
UV	max: 302, 221 nm	max: 302, 221 nm

Analyzed by: Ashley Macey

Approved by: Libby Perry