

Certificate of analysis



Sildenafil

5-[2-ethoxy-5-[(4-methyl-1-piperazinyl)sulfonyl]phenyl]-1,6-dihydro-1-methyl-3-propyl-7H-pyrazolo[4,3-d]pyrimidin-7-one

Item number:10008671
Batch number :0437677
Purity Specification.....>98%

Molecular Formula: C22H30N6O4S
CAS Number: 139755-83-2

Formula Weight: 474.60
Expiry date: 12/24/2015

Tests	Specifications	Results
IR	Conforms with standard	Conforms
Mass	Source Type.....: APCI MH+	Expected 475.2 Actual 475.2
Melting Point	188 - 193 °C	190 - 191 °C
TLC	Mob. Phase.....: Dichloromethane:Methanol (90:10) Stationary Phase: Silica Gel Visualized With ...: Sulfuric Acid	Rf.....: 0.51 Purity %: 100.00
UV	max: 294, 212 nm	max: 294, 212 nm

Analyzed by: Jessie Schrot

Approved by: Libby Perry