



Specification

Lopinavar HPLC 98-102%

Catalog Number: LO1001
CAS Number: 192725-17-0
Molecular Formula: $C_{37}H_{48}N_4O_5$
Molecular Weight: 628.80
Storage: 2°C – 8°C
Retest Period: Two years from the date of manufacture

Test	Specification
Appearance	White powder
Assay	98.0 – 102.0%
Identification HPLC FTIR	Retention time corresponds to reference Spectra conforms to reference
Specific Rotation (c=4, MeOH)	-22° to -26°
Solubility	DMF (~14 mg/ml), MeOH, DMSO and EtOH (126 mg/ml), water (< 1 mg/ml)
Moisture	≤ 4.0%
Residue on Ignition	≤ 0.1%
Organic Volatile Impurities Ethanol N-Heptane	≤ 0.1% ≤ 0.05%
Related Substances Individual Impurity Total Impurities	≤ 0.1% ≤ 1.0%
Heavy Metals	≤ 10ppm

Approved:

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