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Analytical Data

Record: 140375 (Bulk * 530834) ; Date: 2014-6-11

Code: **4396-v** Lot No: 640615

Compound: KYT-36

(2S)-N-[(1S)-1-(4-Aminobutyl)-2-oxo-2-(N-benzylcarbamoyl)ethyl]-N'-(N-methylphenylamino)-2-[(benzyloxycarbonyl)amino]pentane-1,5-diamide
(Hydrochloride Form)
(M.W. 630.73)

Appearance : White amorphous powder

*** Elemental Analysis**

Calcd. for $C_{34}H_{42}N_6O_6 \cdot 2HCl$
C, 58.03 ; H, 6.30 ; N, 11.94 %
Found C, 58.17 ; H, 6.45 ; N, 12.05 %

Thin Layer Chromatography : Main spot with trace spots
Silica Gel Layer
Application : 50μg
Solvent System : n-BuOH:AcOH:H_2O:pyridine=15:3:12:10
n-BuOH:AcOH:H_2O=4:1:5(upper phase)
Located by iodine and HBr/ninhydrin reagent

Peptide Institute, Inc.
Quality Control Dept.

Nakata, M.

Shimadzu CLASS-VP V6.14 SP2 HPLC-12 Area % Report
ﾒｿｯﾄﾞ名:C:¥CLASS-VP¥Methods¥4000番台¥4396 KYT-036.met 分析日時:2014/06/05 15:09:00
ﾃﾞｰﾀ名:C:¥CLASS-VP¥Data¥140605¥140605-004 印刷日時:2014/06/05 16:48:03

Sample : 4396-v KYT-36
Sample Size : 1.5 μL (1 mg/ 100 μL- 50% CH3CN)
Column : YMC Pack ODS-A (4.6 mm I.D. × 150 mm)#0415181728(W) + G(4 mm×10 mm)
Eluent : 0.1% TFA
Gradient : Acetonitrile 20% to 60% [25 min.]
Flow Rate : 1.0 mL/min. , ;Press. : 88 kg/cm2 , ;Temp. : 40℃
Detection : CH.1 220 nm

