A Copper-Catalysed Amidation of Aldehydes *via N*-Hydroxysuccinimide Ester Formation

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ppm









0 S20

-6.182

6.5

JV	human	V		

8.5

9.5

0.0

9.0

O2N

5.5

0

-149.485

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ppm 210	200	190	180	170	160	150	140	130	120	110

100	1	90	1

80

60

30

20

10

ppm

0 S30

Chiral HPLC analysis of N-benzoyl D/L-valine methyl ester

Method Info : Chiralpak IA, n-Hexane:IPA 90:10 (v/v), 0.5 ml/min, 15 bar

Sample Info : Chiralpak IA (250 x 4.6 mm, 5 micron) (Chiral Technolog ies Europe, France); Agilent Technologies (Waldbronn, G ermany) 1100 Series HPLC system [high-pressure binary g radient system equipped with a diode-array detector ope rating at multiple wavelengths (220, 254, 280, 360 nm), a 20 microL sample loop and a thermostatted column com partment], n-hexane/IPA 90:10 (v/v), flow rate 0.5 ml/m in, 15 bar

Additional Info : Peak(s) manually integrated

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[min]	[min]	[mAL	J*s]	[mAl	J] %		
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Chiral HPLC analysis of N-benzoyl L-valine methyl ester

Method Info : Chiralpak IA, n-Hexane:IPA 90:10 (v/v), 0.5 ml/min, 15 bar

Sample Info : Chiralpak IA (250 x 4.6 mm, 5 micron) (Chiral Technolog ies Europe, France); Agilent Technologies (Waldbronn, G ermany) 1100 Series HPLC system [high-pressure binary g radient system equipped with a diode-array detector ope rating at multiple wavelengths (220, 254, 280, 360 nm), a 20 microL sample loop and a thermostatted column com partment], n-hexane/IPA 90:10 (v/v), flow rate 0.5 ml/m in, 15 bar

Additional Info : Peak(s) manually integrated

Peal	<pre> RetTime </pre>	е Туре	Width	Area	Height	Area
#	[min]	[min]	[mAU*s]	[mAU] %	

1 19.414 BB 0.4638 2.57420e4 834.77258 100.0000