Regioselective Synthesis of 1,4-Disubstituted Imidazoles

Chemical Development, Pharmaceutical Development, R&D, Bristol-Myers Squibb Company, 1 Squibb

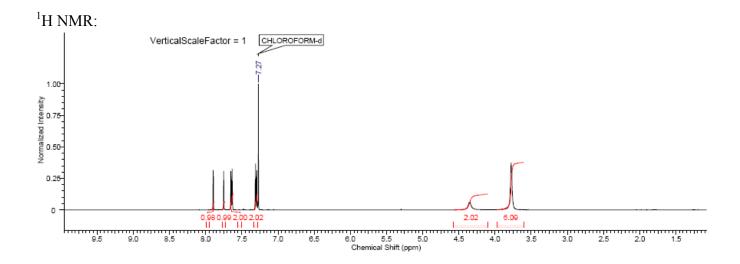
Drive, New Brunswick, New Jersey 08903

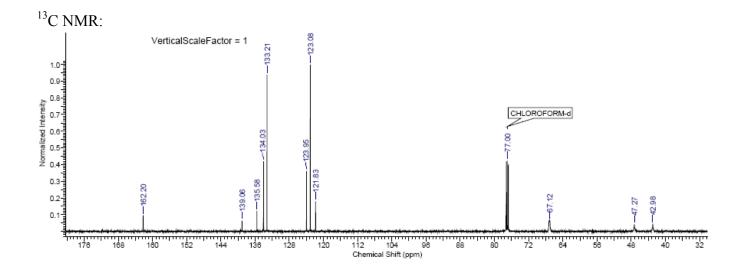
Michael.Schmidt@bms.com

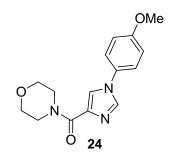
Table of Contents

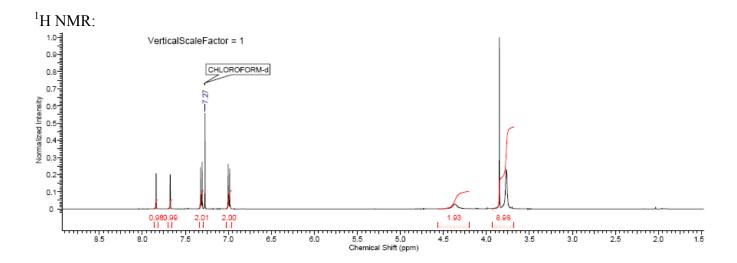
Cameracto	la a atras.	٦
Copy of S	opecura. Sz	_

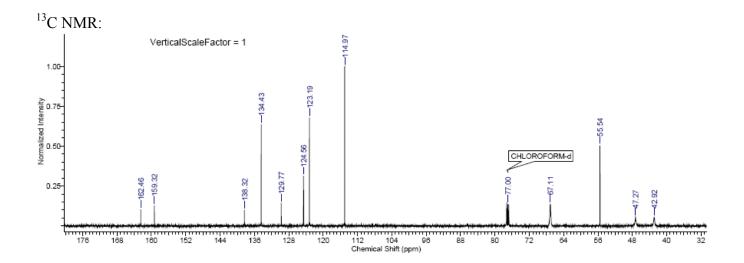


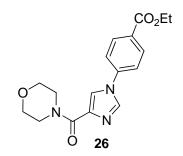


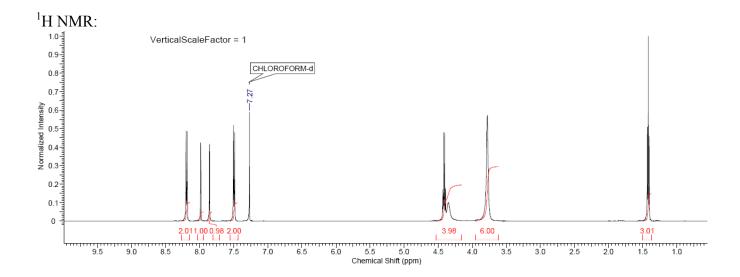


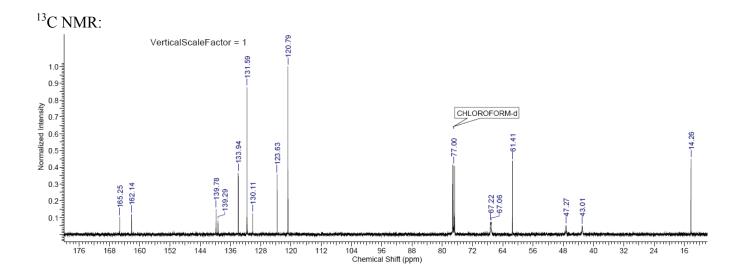


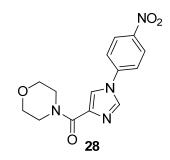


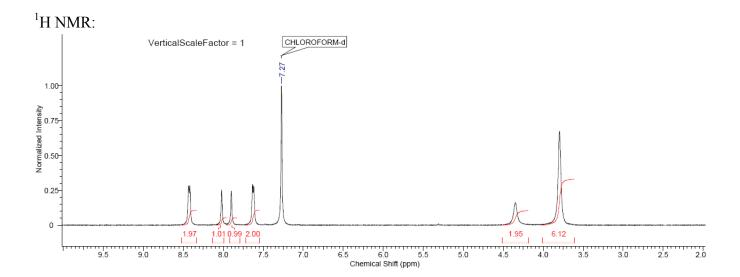


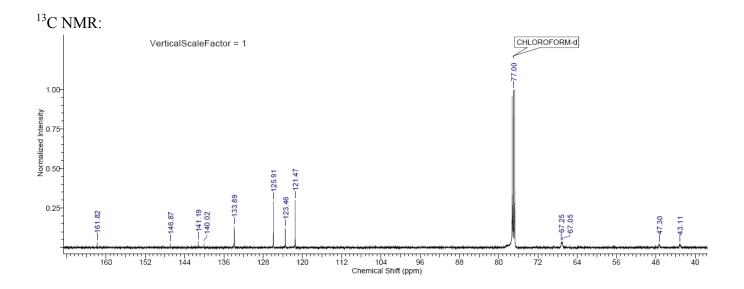


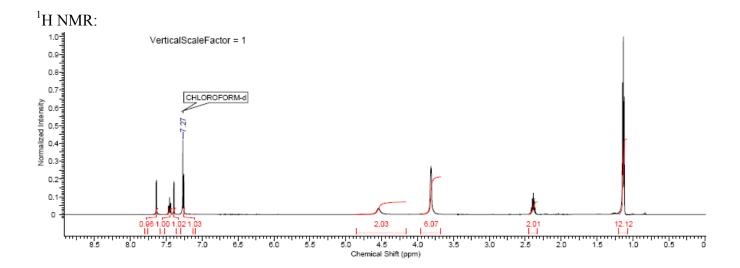


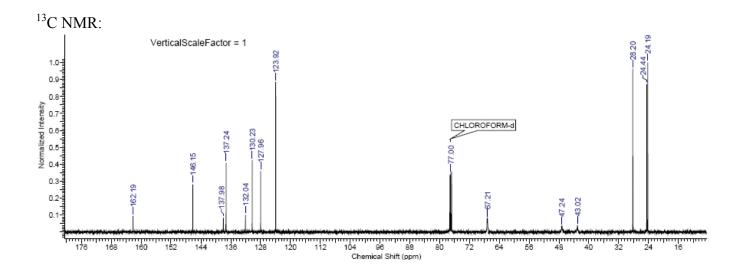




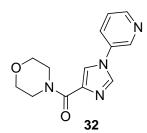


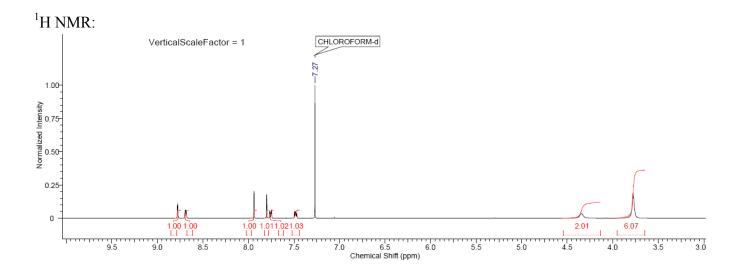


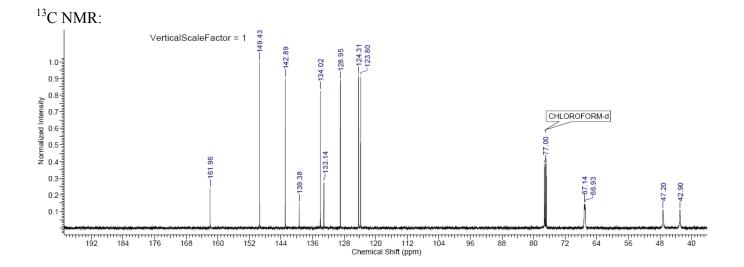


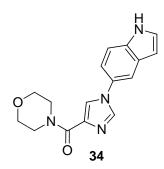


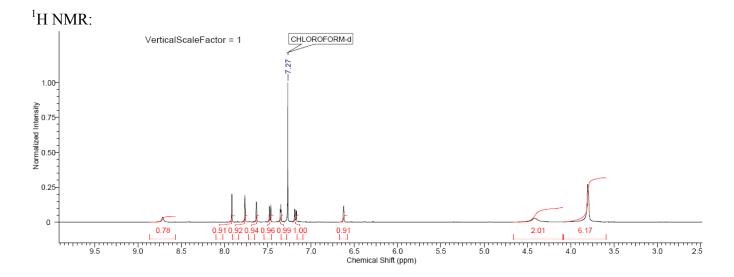
Page S7 / S16

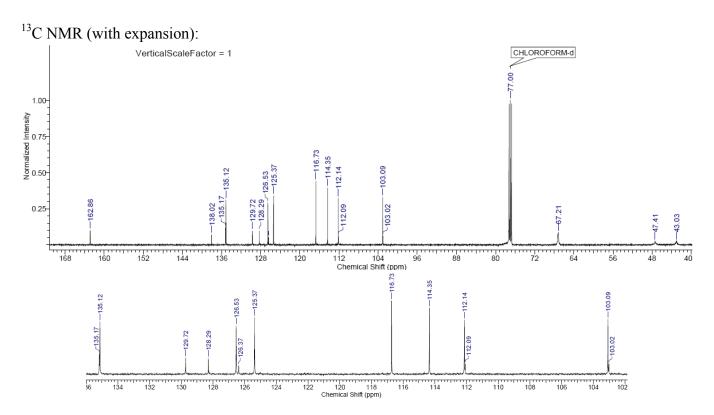


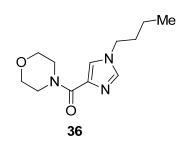


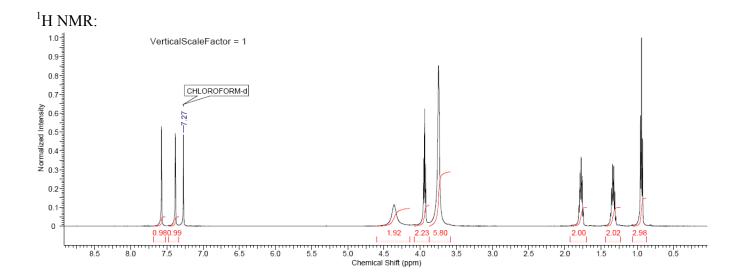


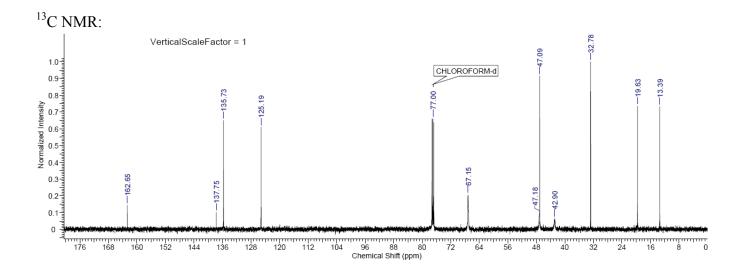




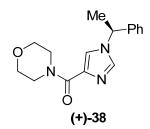


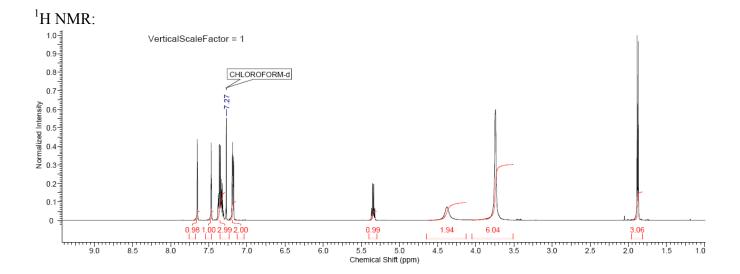


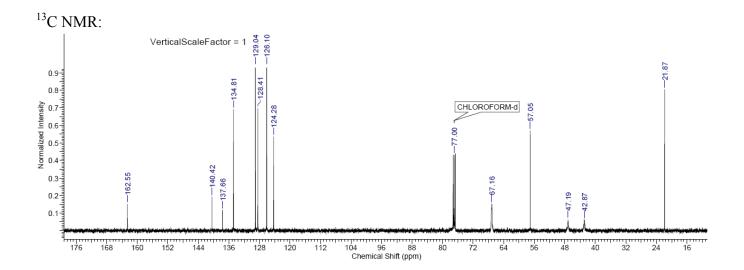




Page S10 / S16



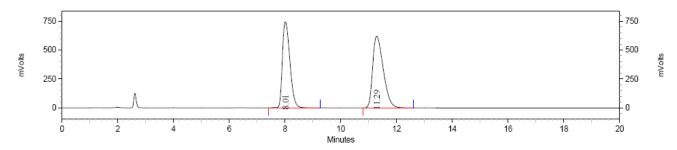




Page S11 / S16

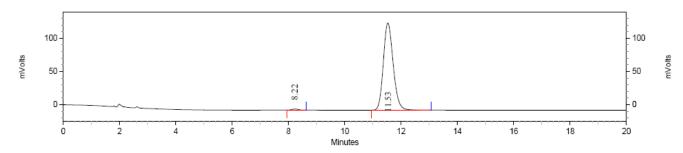
Regioselective Synthesis of 1,4-Disubstituted Imidazoles Michael Schmidt* and Martin D. Eastgate

Mixture of Enantiomers:



UV1 Results Pk#	Retention Time	Area	Area Percent
1	8.011	13949802	45.986
2	11.288	16385095	54.014
Totals			
		30334897	100.000

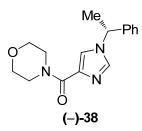
Compound (+)-38:



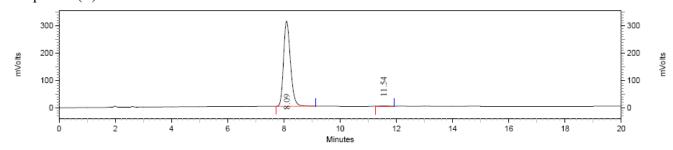
UVI Results			
Pk #	Retention Time	Area	Area Percent
1	8.218	27658	0.863
2	11.528	3177223	99.137
Totals		3204881	100.000

Page S12 / S16

Regioselective Synthesis of 1,4-Disubstituted Imidazoles Michael Schmidt* and Martin D. Eastgate

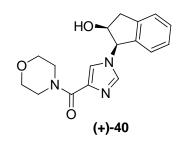


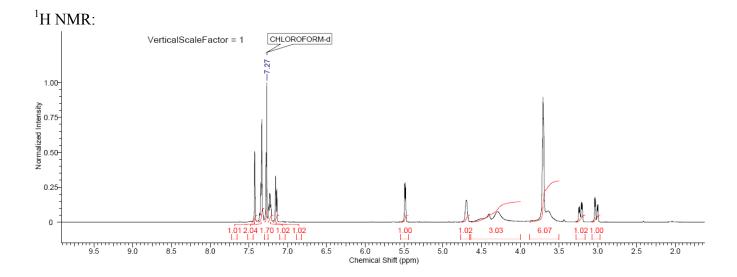
Compound (-)-38:

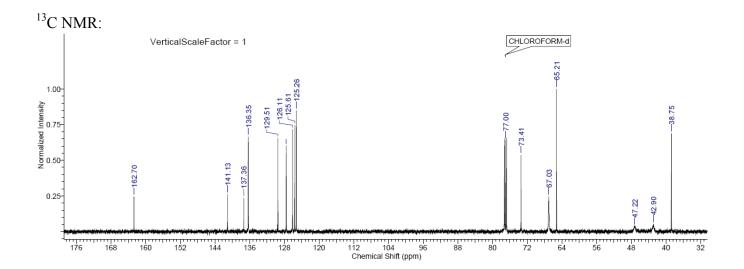


UVI Kesults			
Pk#	Retention Time	Area	Area Percent
1	8.093	5311247	99.578
2	11.543	22489	0.422

Totals		
	5333736	100.000



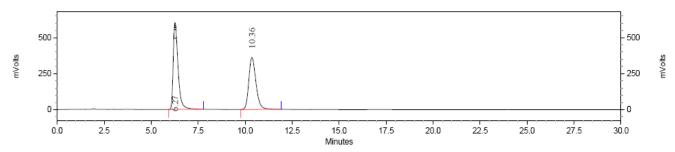




Page S14 / S16

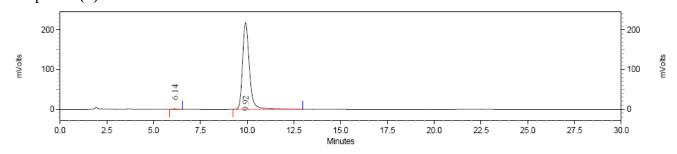
Regioselective Synthesis of 1,4-Disubstituted Imidazoles Michael Schmidt* and Martin D. Eastgate

Mixture of Enantiomers:



UV1 Results Pk #	Retention Time	Area	Area Percent
1	6.271	10792455	52.906
2	10.361	9606959	47.094
Totals		2222244	

Compound (+)-40:

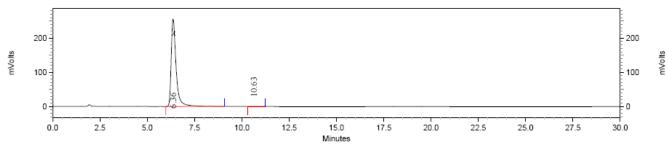


UVI Results				
	Pk #	Retention Time	Area	Area Percent
	1	6.136	13438	0.242
	2	9.919	5530116	99.758
	Totals		5543554	100 000

Page S15 / S16

Regioselective Synthesis of 1,4-Disubstituted Imidazoles Michael Schmidt* and Martin D. Eastgate

Compound (-)-40:



UVI Results			
Pk #	Retention Time	Area	Area Percent
1	6.363	4636953	99.836
2	10.629	7637	0.164

Totals		
	4644590	100.000

Page S16 / S16

