Enantioselective Synthesis of the Carbocyclic Nucleoside (−)-Abacavit

Grant A. Boyle, a Christopher D. Edlin, a Yongfeng Li, b Dennis C. Liotta, b Garreth L. Morgans, a,* Chitalu C. Musonda a

TABLE OF CONTENTS FOR NMR DATA OF NEW COMPOUNDS:

1 $^1$H NMR of 18d S2
2 $^{13}$C NMR of 18d S3
3 $^1$H NMR of 19 (as the acetone solvate) S4
4 $^{13}$C NMR of 19 (as the acetone solvate) S5
5 $^1$H NMR of 20 S6
6 $^{13}$C NMR of 20 S7
7 $^1$H NMR of 21 S8
8 $^{13}$C NMR of 21 S9
9 $^1$H NMR of 23 S10
10 $^{13}$C NMR of 23 S11
Compound 18d.
Nucleus: 'H
Frequency: 400 MHz
Solvent: CDCl3
Compound 18d
Nucleus: $^1$C
Frequency: 100 MHz
Solvent: CDCl$_3$
Compound 19.
Nucleus: $^1H$
Frequency: 400 MHz
Solvent: d6-DMSO

Acetone solvate
Compound 19.
Nucleus: \(^1\)C
Frequency: 100 MHz
Solvent: d6-DMso.

Acetone solvate
Compound 20.
Nucleus: $^1$H
Frequency: 400 MHz
Solvent: CDCl$_3$
Compound 20.
Nucleus: $^{1}H$
Frequency: 100 MHz
Solvent: CDCl$_3$
Compound 21.
Nucleus: ^1^H
Frequency: 400 MHz
Solvent: d6-DMSO

Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry
This journal is © The Royal Society of Chemistry 2012
Compound 21
Nucleus: $^1^3$C
Frequency: 100 MHz
Solvent: CDCl$_3$
Compound 23.
Nucleus: $^1$H
Frequency: 400 MHz
Solvent: CDCl$_3$
Compound 23.
Nucleus: ¹³C
Frequency: 100 MHz
Solvent: CDCl₃