Electronic Supplementary Information

Enantio-pure synthesis of dihydrobenzo[1,4]-oxazine-3-carboxylic acids and approach to benzoxazinyl oxazolidinones

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APT NMR spectrum (100MHz, DMSO-d$_6$) of compound 3j
$^1$H NMR spectrum (400MHz, DMSO-d$_6$) of compound 3k
LCMS spectrum of compound 3k
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APT NMR spectrum (100MHz, DMSO-$d_6$) of compound 3k
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Chiral HPLC of L-isomer of compound 4a
Chiral HPLC of D-isomer of compound 4a

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Chiral HPLC of D-isomer of compound 4a
$^{13}$C NMR spectrum (100MHz, DMSO-$d_6$) of compound 4a

$^1$H NMR spectrum (400MHz, DMSO-$d_6$) of compound 4b
LCMS spectrum of compound 4b
$^{13}$C NMR spectrum (100MHz, DMSO-d$_6$) of compound 4b
$^{1}$H NMR spectrum (400MHz, DMSO-$d_6$) of compound 4c
LCMS spectrum of compound 4c
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Chiral HPLC of a mixture of D- and L-isomer of compound 4a prepared by external mixing (not racemic mixture)
Chiral HPLC of L-isomer of compound 4c
Chiral HPLC of D-isomer of compound 4c

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Chiral HPLC of D-isomer of compound 4c
$^1$H NMR spectrum (400MHz, DMSO-d$_6$) of compound 4d
LCMS spectrum of compound 4d
$^{13}$C NMR spectrum (100MHz, DMSO-d$_6$) of compound 4d
$^1$H NMR spectrum (400MHz, DMSO-$d_6$) of compound 4e
LCMS spectrum of compound 4e
$^{13}$C NMR spectrum (100MHz, MeOD) of compound 4e

$^1$H NMR spectrum (400MHz, DMSO-$d_6$) of compound 4f
LCMS spectrum of compound 4f
$^{13}$C NMR spectrum (100MHz, DMSO-d$_6$) of compound 4f

$^1$H NMR spectrum (400MHz, MeOD) of compound 4g
LCMS spectrum of compound 4g
$^{13}$C NMR spectrum (100MHz, DMSO-d$_6$) of compound 4g

$^1$H NMR spectrum (400MHz, DMSO-d$_6$) of compound 4h
LCMS spectrum of compound 4h
$^{13}$C NMR spectrum (100MHz, DMSO-$d_6$) of compound 4h
$^1$H NMR spectrum (400MHz, DMSO-$d_6$) of compound 4i
LCMS spectrum of compound 4i
$^{13}$C NMR spectrum (100MHz, DMSO-$d_6$) of compound 4i
$^1$H NMR spectrum (400MHz, MeOD) of compound 4k
LCMS spectrum of compound 4k
$^{13}$C NMR spectrum (100MHz, DMSO-$d_6$) of compound 4k

APT NMR spectrum (100MHz, DMSO-$d_6$) of compound 4k
$^1$H NMR spectrum (400MHz, DMSO-d$_6$) of compound 10a
LCMS spectrum of compound 10a
$^{13}$C NMR spectrum (100MHz, DMSO-d$_6$) of compound 10a

APT NMR spectrum (100MHz, DMSO-d$_6$) of compound 10a
$^{1}$H NMR spectrum (400MHz, CDCl$_3$) of compound 12a
LCMS spectrum of compound 12a
$^{13}$C NMR spectrum (100MHz, CDCl$_3$) of compound 12a
Chiral HPLC of a mixture of D- and L-isomer of the compound 12a, prepared by external mixing (not racemic mixture)
Chiral HPLC of L-isomer 12a
Chiral HPLC of \textit{D}-isomer 12a
$^1$H NMR spectrum (400MHz, CDCl$_3$) of compound 13a
LCMS spectrum of compound 13a
GCMS of Compound 13a
$^{13}$C NMR spectrum (100MHz, CDCl$_3$) of compound 13a

APT NMR spectrum (100MHz, CDCl$_3$) of compound 13a
$^1$H NMR spectrum (400MHz, DMSO-$d_6$) of compound 14a
LCMS spectrum of compound 14a
$^{13}$C NMR spectrum (100MHz, DMSO-$d_6$) of compound 14a

APT NMR spectrum (100MHz, DMSO-$d_6$) of compound 14a
Chiral HPLC of a mixture of D- and L-isomer of compound 14a prepared by external mixing (not racemic mixture)
Chiral HPLC of L-isomer 14a
Chiral HPLC of D-isomer 14a

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Chiral HPLC of D-isomer 14a
$^1$H NMR spectrum (400MHz, DMSO d$_6$) of compound 18a
LCMS spectrum of compound 18a
$^{13}$C NMR spectrum (100MHz, CDCl$_3$) of compound 18a

APT NMR spectrum (100MHz, CDCl$_3$) of compound 18a
Chiral HPLC of manual mixture of (D+L) isomers 18a
Chiral HPLC of L-isomer 18a

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Chiral HPLC of L-isomer 18a
Chiral HPLC of D-isomer 18a
$^1$H NMR spectrum (400MHz, CDCl$_3$) of compound 20a

$^{13}$C NMR spectrum (100MHz, CDCl$_3$) of compound 20a
Expansion of $^{13}$C NMR spectrum (100MHz, CDCl$_3$) of compound 20a
LCMS spectrum of compound 20a
HPLC Purity of compound 20a

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Chiral HPLC of epimeric mixture of (D+L) isomers of 20a
Chiral HPLC of L-isomer 20a

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Chiral HPLC of L-isomer 20a
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$^{13}$C NMR spectrum (100MHz, CDCl$_3$) of compound 21a
Expansion of $^{13}$C NMR spectrum (100MHz, CDCl$_3$) of compound 21a
LCMS spectrum of compound 21a
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HPLC Purity of compound 21a

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NOE 2 of compound 21a
Expansion of NOE 2 of compound 21a