

Abbreviations

COSY	2-D <i>J</i> correlated spectroscopy (NMR)
bipy	bipyridine
bpy	bipyridine
b.p.	boiling point
br	broad signal (NMR)
BuLi	<i>n</i> -butyl lithium
d	doublet (NMR)
D	discotic columnar (liquid crystalline phase)
DHP	3,4-Dihydro-2H-pyran
DIPA	diisopropylamine
DIPEA	ethyl-diisopropylamine
DME	1,2-dimethoxyethane
DMF	dimethylformamide
DMSO	dimethyl sulphoxide
DSC	differential scanning calorimetry
EI	electron ionisation (MS)
FAB	fast atom bombardment (MS)
FD	field desorption (MS)
Fig.	Figure
GPC	gel permeation chromatography
HETCOR	heteronuclear multiple-quantum coherence correlation spectroscopy
HOPG	highly oriented pyrolytic graphite
HRMS	high resolution MS
m	multiplet (NMR)
MALDI-TOF	matrix assisted laser desorption/ionization - time of flight (MS)
MEM	methoxyethoxymethyl
MNBA	3-nitrobenzyl alcohol
MOM	methoxymethyl
m.p.	melting point
MS	mass spectrometry
N _D	discotic nematic (liquid crystalline phase)
NMR	nuclear magnetic resonance

ORTEP	Oak Ridge Thermal Ellipsoid Plot Programme
py	pyridine
s	singlet (NMR)
STM	Scanning Tunneling Microscopy
t	triplet (NMR)
TEA	triethylamine
terpy	terpyridine
Tf	trifluoromethylsulfonyl
TFA	trifluoroacetic acid
THA	trihydroxyanthracen
THF	tetrahydrofurane
THP	tetrahydropyran(yl)
TIPS	triisopropylsilyl
TLC	thin layer chromatography
TMEDA	N,N,N',N'-tetramethylethylenediamine
TMS	trimethylsilyl
tpy	terpyridine
UV	ultraviolet light
XRD	X-ray diffraction