

LIST OF ABBREVIATIONS AND SYMBOLS

ACN	=	acetonitrile
br.s	=	broad singlet (for NMR spectra)
°C	=	degree Celsius
C18	=	Covalently-bonded octadecylsilane
CC	=	column chromatography
CDCl ₃	=	deuteriochloroform
CD ₃ OH	=	deuteromethanol
CHCl ₃	=	chloroform
cm	=	centimeter
d	=	doublet (for NMR spectra)
dd	=	doublet of doublet (for NMR spectra)
DMSO	=	dimethyl sulphoxide
EIMS	=	electron impact mass spectroscopy
EtOH	=	ethanol
FBD	=	fetal bovine serum
g	=	gram
¹ H-NMR	=	proton nuclear magnetic resonance
HPLC	=	high performance liquid chromatography
hr	=	hour
Hz	=	hertz
IC ₅₀	=	concentration causing 50% inhibitory effect
IR	=	infrared
<i>J</i>	=	nuclear spin-spin coupling constant (in Hz)
Kg	=	kilogram
M	=	molar (concentration)
M+	=	molecular ion
m	=	meter
mg	=	milligram
MeOH	=	Methanol
MHz	=	megahertz

LIST OF ABBREVIATIONS AND SYMBOLS (continued)

min	=	minute
ml	=	milliliter
mm	=	millimeter
mM	=	millimolar
mol	=	mole
MS	=	mass spectroscopy
MW	=	molecular weight
m/z	=	mass to charge ratio
μg	=	microgram
μl	=	microliter
μM	=	micromolar
nm	=	nanometer
NMR	=	nuclear magnetic resonance
OD	=	optical density
PBS	=	phosphate buffer saline
RP	=	reverse phase
RT	=	retention time (for HPLC)
s	=	singlet (for NMR spectra)
SEM	=	standard error of the mean
SRB	=	sulphorhodamine B
TCA	=	trichloroacetic acid
TLC	=	thin-layer chromatography
UV	=	ultraviolet
VLC	=	vacuum liquid chromatography
w/w	=	weight/weight
%	=	percent
δ	=	chemical shift (in ppm, for NMR spectra)
λ	=	wavelength (for UV spectra)