

A Comparative Chemical Study Of The Bioactive Secondary Metabolites Isolated from Red Sea Organisms And The Associated Fungi

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List of Abbreviations

APT	Attached proton test
br	broad signal
Conc.	concentration
CC	Column Chromatography
CDCl₃	deuterated chloroform
CD₃OD	deuterated methanol
CHCl₃	chloroform
CH₂Cl₂	dichloromethane
COSY	Correlation Spectroscopy
d	doublet
DCM	dichloromethane
dd	doublet of doublet
DMSO	dimethyl sulfoxide
DNA	deoxyribonucleic acid
eq.	equatorial
ESI	Electro-Spray Ionization
<i>et al.</i>	et altera (and others)
EtOAc	ethyl acetate
eV	electronvolt
g	gram
HMBC	Heteronuclear Multiple Bond Connectivity
HPLC	High Pressure Liquid Chromatography
hr	hour
HRESIMS	High Resolution Electrospray Ionization Mass Spectrometry
HR-MS	High Resolution Mass Spectrometry
HSQC	Heteronuclear Single Quantum Coherence
Hz	herz

List of Abbreviations

IC₅₀	half maximal inhibitory concentration
ITS	Internal Transcriber Spacers
L	liter
LC	Liquid Chromatography
LC-MS	Liquid Chromatography-Mass Spectrometry
m	multiplet
M	molar
MeOH	methanol
mg	milligram
MHz	mega Herz
min	minute
mL	milliliter
mm	millimeter
MS	Mass Spectrometry
MTT	Dimethylthiazolyl-diphenyl tetrazolium bromide assay, Microculture Tetrazolium assay
<i>m/z</i>	mass per charge
μg	microgram
μL	microliter
μM	micromolar
<i>n-</i>	normal-
nm	nanometer
NMR	Nuclear Magnetic Resonance
NOESY	Nuclear Overhauser and Exchange Spectroscopy
PCR	Polymerase Chain Reaction
ppm	parts per million
q	quartet
<i>R</i>	rectus (right)
RP-18	reversed phase C 18
ROESY	Rotating frame Overhauser Enhancement Spectroscopy