

ABBREVIATIONS

WHO	World Health Organisation
ACE	Angiotensin converting enzyme
HTS	High throughput screening
NMR	Nuclear Magnetic Resonance
MS	Mass Spectroscopy
DPPH	1,1-Diphenyl-2-picryl-hydrazyl (Antioxidant assay)
CNS	Central nervous system
HIV	Human immunodeficiency virus
w/w	Weight by weight
⁰ C	Degree Celsius
h	Hour
min	Minutes
g	gram
kg	Kilogram
L	Liter
ml	Milliliter
I.P	Indian Pharmacopoeia
TLC	Thin layer chromatography
PTLC	Preparative thin layer chromatography
PC	Paper Chromatography
R _f	Retention factor
LC-MS	Liquid chromatography-Mass spectroscopy
ESI-MS	Electro spray Ionization mass spectroscopy
m/z	Mass to charge ratio

UV	Ultra violet
FTIR	Fourier Transform Infrared Spectroscopy
λ_{\max}	Maximum absorption wavelength (UV Spectroscopy)
ϵ	Molar extinction coefficient (UV Spectroscopy)
c	Concentration
^1H NMR	Proton (^1H) Nuclear Magnetic Resonance Spectroscopy
^{13}C NMR	Carbon-13 Nuclear Magnetic Resonance Spectroscopy
HMBC	Heteronuclear multiple bond correlation
HSQC	Heteronuclear single quantum coherence
DEPT	Distortionless enhancement by polarization transfer
NOESY	Nuclear Overhauser effect Spectroscopy
COSY	Correlated Spectroscopy
δ	Chemical shift
ppm	Parts per million
J	Coupling constant
Hz	Hertz
MHz	Mega hertz
s	Singlet
d	Doublet
dd	Doublet of doublet
q	Quartet
m	Multiplet
Ar	Aromatic
CDCl_3	Deuterated chloroform
MeOH	Methanol
DMSO	Dimethyl sulphoxide

OECD	Organisation for Economic Co-operation and Development
LD ₅₀	Lethal Dose for 50% efficacy
LC ₅₀	Lethal concentration for 50% efficacy
BSL	Brine Shrimp Lethality
DLA	Dalton's Lymphoma Ascites
DMBA	7,12-dimethylbenz[a]anthracene
TPA	12-O-tetradecanolyphorbol-13-acetate
PBS	Phosphate buffer solution
5-FU	5-Fluorouracil
EAC	Ehrlich Ascites Carcinoma
m.p.	Melting point
m.m.p.	Mean Melting point
b.p.	Boiling point
b.w.	Body weight
p.o.	Oral route
mg/kg	Milligram per kilogram
µg/kg	Microgram per kilogram
MST	Mean Survival time
ILS	Increase in life span
TBARS	Thiobarbituric acid reactive substances
MDA	Malondialdehyde
TCA	Trichloroacetic acid
DPX	Distrene, Plasticiser, Xylene Mountant
Rpm	Revolutions per minute