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ABBREVIATIONS

CHCl₃ = chloroform

NaCl = sodium chloride

H₂O = water

H₂SO₄ = sulfuric acid

HCl = hydrochloric acid

K₂CO₃ = potassium carbonate

DDQ = 2,3-dichloro-5,6-dicyanobenzoquinone

DMAP = 4-dimethylaminopyridine

EtOAc = ethyl acetate

MeOH = methanol

THF = tetrahydrofuran

Satd. = saturated

Conc. = concentration

°C = degree celcius

g = gram

mg = milligram

ng = nanogram

μg = microgram

L = liter

mL = milliliter

N = normality

mm = millimeter

μm = micrometer

h = hour

min = minute

TLC = thin layer chromatography

GC-MS = gas chromatography - mass spectrometer

¹H-NMR = proton nuclear magnetic resonance

¹³C-NMR = carbon-thirteen nuclear magnetic resonance

δ = chemical shift

ppm = part per million

Hz = hertz

J = coupling constant

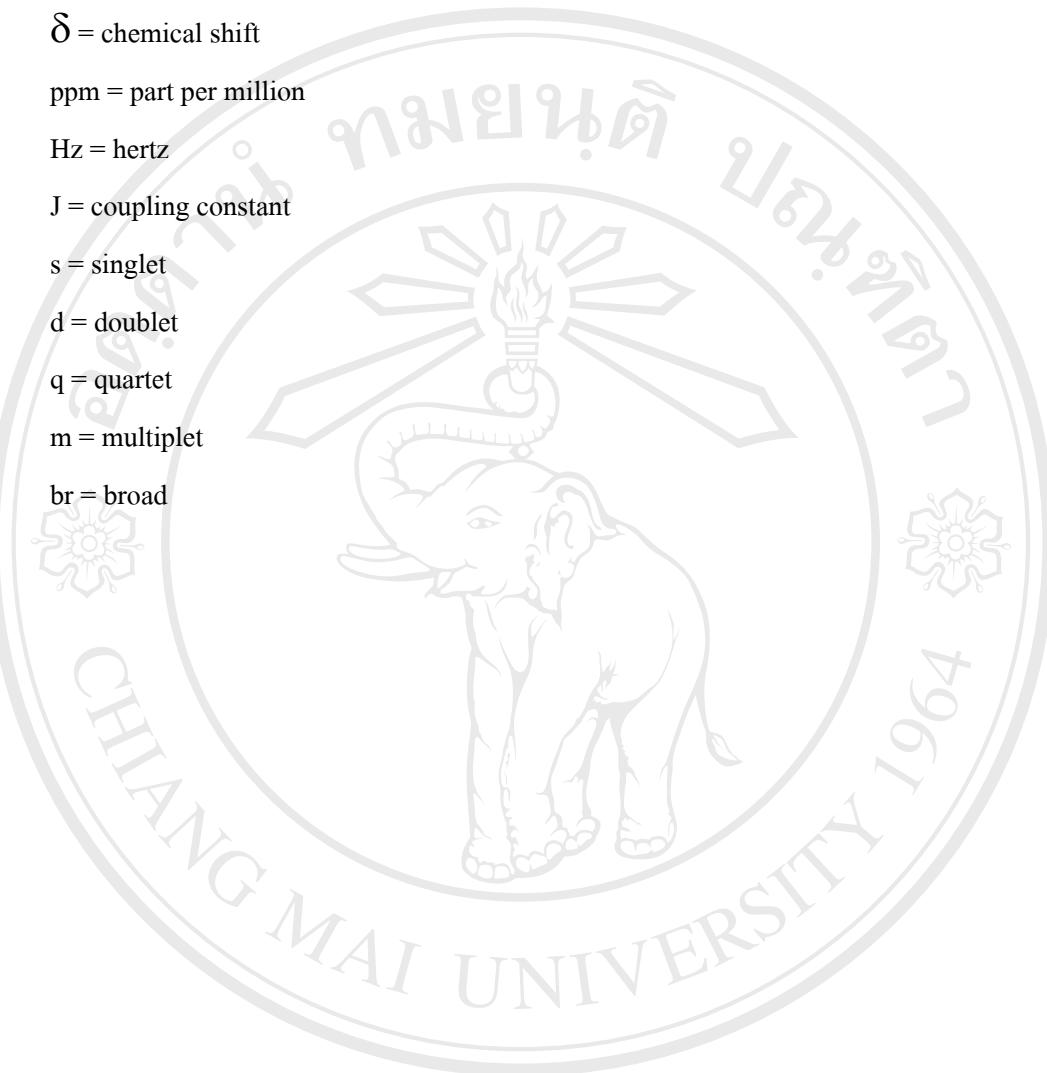
s = singlet

d = doublet

q = quartet

m = multiplet

br = broad



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