

LIST OF ABBREVIATIONS

Abbreviation or symbol	Term
ACT	Artemisinin-based combination therapy
ALT	Alanine aminotransferase
ARE	Arteether
ARM	Artemether
ARN	Artemisinin
ARS	Artesunate
AST	Aspartate aminotransferase
AUC	Area under the curve
BP	Blood pressure
C_{max}	Maximum drug concentration
Cl/f	Apparent total body clearance
Cl	Clearance
CBC	Complete blood count
CDP	Concentration deviation percentage
cm	Centimeter
conc.	Concentration
CRF	Case report form
C_{ss}	Concentration at steady state
CV	Coefficient of variation
CYP	Cytochrome P450 isoenzyme
d	Day
°C	Degree Celsius
DCM	Dichloromethane
DHA	Dihydroartemisinin
dl	Deciliter
<i>et. al.</i>	And others

LIST OF ABBREVIATIONS (cont.)

Abbreviation or symbol	Term
<i>e.g.</i>	For example
ECD	Electrochemical detector
ECG	Electrocardiogram
ESI	Electrospray ionization
<i>f</i>	Female
FCT	Fever clearance time
<i>g</i>	Gram
GLC	Gas liquid chromatography
<i>h</i>	Hour
Hb	Hemoglobin
HCl	Hydrochloride
Hg	Mercury
HPLC	High performance liquid chromatography
IC ₉₉	Inhibitory concentration of drug able to inhibit the growth of 99% of parasites
<i>im</i>	Intramuscular
IPC	Initial parasitemia count
<i>ir</i>	Intrarectal
IS	Internal standard
<i>iv</i>	Intravenous
<i>kg</i>	Kilogram
<i>l</i>	Liter
LC	Liquid chromatography
LC-MS	Liquid chromatography-mass spectrometry
LOD	Limit of detection
LOQ	Limit of quantification

LIST OF ABBREVIATIONS (cont.)

Abbreviation or symbol	Term
<i>m</i>	Male
m	Month
max	Maximum
MBE	<i>tert</i> -methyl butyl ether
μ	Micro
μg	Microgram
mg	Milligram
min	Minute
min-max	Minimum – maximum
MPC	Minimum parasitidal concentration
MQ	Mefloquine
MS	Mass spectrometry
MSD	Mass spectrometer detector
<i>m/z</i>	Mass-to-charge ratio
n	Number
ng	Nanogram
NA	Not available
ND	Not done
PAE	Post-antiparasitic effect
PCT	Parasite clearance time
PRF	Patient record form
/	<i>Per</i>
%	Percent
psi	Pound per square inch
QC	Quality control
RI	Grade I resistance
RII	Grade II resistance

LIST OF ABBREVIATIONS (cont.)

Abbreviation or symbol	Term
R _{III}	Grade III resistance
Rpm	Rounds per minute
SD	Standard deviation
SGOT	Serum glutamic oxaloacetic transaminase
SGPT	Serum glutamic pyruvic transaminase
S/N	Signal to noise ratio
t _{lag}	Lag time
t _{max}	Time to reach the maximum concentration
t _{1/2z}	Elimination half-life
t _{ss}	Time to reach the steady state
U	Unit
UDP	Uridine 5'-diphosphate
UGT	UDP-glucuronyltransferase
USA	United States of America
US-FDA	The US Food and Drug Administration
uv	Ultraviolet
V _{d/f}	Apparent total volume of distribution
v/v	Volume ratio
WHO	World Health Organization
y	year
yrs	year of age