

ABBREVIATIONS AND SYMBOLS

abs config	absolute configuration	concn	concentration
abs	absolute	d	dextro(rotatory)
Ac	acetyl (CH ₃ CO-)	d	density
ACE	angiotensin-converting enzyme	dck	duck
ACTH	adrenocorticotrophic hormone	dec	decompose, decomposition
AIDS	acquired immunodeficiency syndrome	dl-	racemic
alc	alcohol, alcoholic	DL-	racemic
amp(s)	ampule(s)	DMA	dimethylacetamide
amt(s)	amount(s)	DMF	dimethylformamide
anhydr	anhydrous	DMSO	dimethylsulfoxide
approx	approximately	DNA	deoxyribonucleic acid
aq	aqueous	dog	dog
atm	atmosphere, atmospheric	DOPA	dihydroxyphenylalanine
ATCC	American Type Culture Collection	(E)-	(entgegen) opposite
biochem	biochemical	e.g.	for example
biol	biological	ED	effective dose
bp	boiling point	EDTA	ethylenediamine tetraacetic acid
Bu	butyl	EINECS	European Inventory of Existing commercial Chemical Substances
Bz	benzoyl (C ₆ H ₅ CO-)	endo-	stereochemical descriptor
c	concentration (g/100 ml), in rotations	Et-	ethyl (C ₂ H ₅ -)
C	Celsius (temperature scale)	Et ₂ O	diethyl ether
C.I.	Colour Index (UK)	EtOAc	ethyl acetate
CH ₃ CN	acetonitrile	EtOH	ethanol
C ₅ H ₅ N	pyridine	exo-	stereochemical descriptor
C ₆ H ₆	benzene	F	Fahrenheit (temperature scale)
C ₇ H ₈	toluene	ff	following
Cbz	carbobenzoxy	g	gram(s)
cc	cubic centimeters (millilitres)	g/l	grams/liter
CCK	cholecystokinin	gal	gallon(s)
CCl ₄	carbon tetrachloride	GI	gastrointestinal
cf	compare	gpg	guinea pig
CH ₂ Cl ₂	methylene chloride	H ₂ O	water
CHCl ₃	chloroform	H ₂ SO ₄	sulfuric acid
chick	chicken	HCl	hydrochloric acid
cm	centimeter	HIV	human immunodeficiency virus
CNS	central nervous system	HMG-CoA	3-hydroxy-3-methylglutaryl coenzyme A
CoA	coenzyme A	hmtr	hamster
compd	compound		

hr	hour	orl	oral
HT	hydroxytryptamine (serotonin)	p-	para
i.e.	that is	pgn	pigeon
ihl	inhalation	pH	acid-base scale (log of reciprocal hydrogen ion concentration)
im	intramuscular	pK	log of the reciprocal of the dissociation constant
incl	including	pOH	acid-base scale (log of reciprocal hydroxyl ion concentration)
inorg	inorganic	ppb	parts-per-billion
insol	insoluble	ppm	parts-per-million
ip	intraperitoneal	Pr-	propyl (C ₃ H ₇ -)
iPr-	isopropyl ((CH ₃) ₂ CH-)	qul	quail
IR	infrared	(R)	rectus (stereochemical descriptor)
iv	intravenous	rbt	rabbit
kcal	kilocalories	resp	respectively
l	liter, levo(rotatory)	RNA	ribonucleic acid
λ (lambda)	wavelength	(S)	sinister (stereochemical descriptor)
LC	lethal concentration	t-	symmetrical
LC ₅₀	median lethal concentration	sc	subcutaneous
LD	lethal dose	sec	second
LD ₅₀	median lethal dose	sec-	secondary
log	common logarithm	SG, sg	specific gravity
MAO	monoamine oxidase	sol	soluble
max	maximum, maxima	soln	solution
Me-	methyl (CH ₃ -)	spp.	species (plural)
Me ₂ CO	acetone	STP	standard temperature, pressure
MeOH	methanol	tech	technical
mg	milligram	temp	temperature
min	minimum, minima	tert-	tertiary
min	minute	THF	tetrahydrofuran
MLD	minimum lethal dose	U.K.	United Kingdom
mp	melting point	USAN	United States Adopted Names
μg	microgram	USP	United States Pharmacopeia
mmu, mmμ	millimicron (= nanometer, nm)	UV	ultraviolet
mus	mouse	v/v	volume in volume
N	normal, normality	VIS	visible
nm	nanometer	viz.	namely
NMR	nuclear magnetic resonance	w/w	weight in weight
NSAID	non-steroidal anti- inflammatory drug		
NSC	National Service Center (of the National Cancer Institute)		
NTP	normal temperature, pressure		
o-	ortho		
OD	optical density		
org	organic		

w/v	weight in volume
wt	weight
(Z)-	(zusammen) on the same side
>	greater than
<	less than
~	approximately
Å	Ångstrom units ($1\text{Å} = 10^{-8}$ cm)