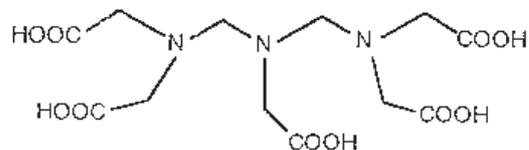


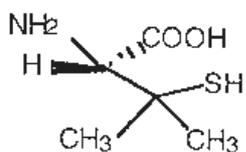
Abkürzungen

β A4	β -Amyloidprotein
μ	mikro-
μ l	Mikroliter
17ED	17 β -Estradiol
AD	Alzheimer'sche Demenz
AG	Aminoguanidin
AGE	Advanced Glycation Endproduct
aKG	α -Ketoglutarat
APP	amyloid-precursor protein
ASS	Acetylsalicylsäure
BSA	Rinderserum-Albumin
CML	N- ϵ -Carboxymethyllysin
Cyt c	Cytochrom c
DC	Dünnschichtchromatographie
DEPC	Diethylpyrocarbonat
DMEM	Dulbeccos modified Eagles Medium
DTNB	5,5'-Dithiobis-(2-nitrobenzoesäure)
DTPA	Diethylen-triamin-pentaessigsäure
FCS	Foetales Kälberserum
FPLC	Fluid pressure liquid chromatography
g	Gramm
GPx	Glutathionperoxidase
GSH	reduziertes Glutathion
GSSG	Glutathiondisulfid
GSx	Gesamtglutathion
h	Stunde
IAP	inhibitor of apoptosis
ICE	Interleukin-1 β -Converting-Enzyme
iNos	induzierbare NO-Synthase
Kat	Katalase
kDa	Kilodalton
l	Liter
LDH	Laktat-Dehydrogenase
LS	(R+) α -Liponsäure
MAPt	microtubuli-associated protein t
MCSF	macrophage colony stimulating factor
mg	Milligramm

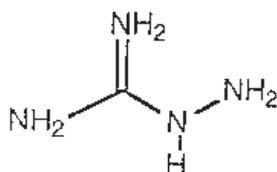
MG	Methylglyoxal
min	Minuten
ml	Milliliter
mol	molar
MTP	Mikrotiterplatte
MTT	3-(4,5-Dimethylthiazol-2-yl)-2,5-Diphenyl-2H-Tetrazolium Bromid
n.t.	nicht getestet
NAC	N-Acetylcystein
NFT	neurofibrillary tangle
nmol	nanomol
NPGA	p-Nitrophenylglyoxylsäure
NR	Neutralrot
Ova	Ovalbumin
PARP	Poly-(ADP-Ribose)-Polymerase
PBN	α -Phenyl N-tert-Butylnitron
PET	Positronen-Emissions-Tomographie
PS	Phosphaditylserin
Pyr	Pyruvat
ROS	reaktive Sauerstoffspezies
rpm	rounds per minute
RT	Raumtemperatur
sec	Sekunden
SOD	Superoxiddismutase
STS	Staurosporin
t	Zeit
Tris	Tris-(Hydroxymethyl-)Aminomethan
V	Volt

Strukturformeln einiger in der Arbeit verwendeter Substanzen

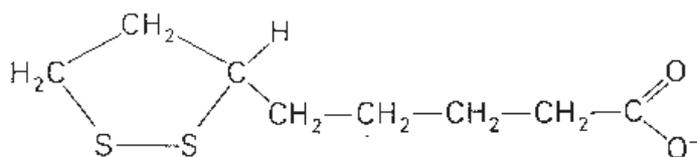
DTPA



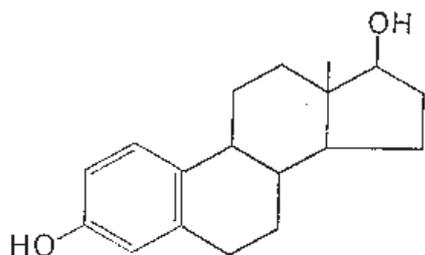
Penicillamin



Aminoguanidin



Liponsäure



17-beta-Estradiol

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