

International Non-Proprietary Names

In accordance with paragraph 7 of the Procedure for the Selection of Recommended International Non-Proprietary Names for Pharmaceutical Preparations,¹ notice is hereby given that the following are selected as recommended international non-proprietary names.

The inclusion of a name in this list does not imply any recommendation for the use of the substance in medicine or pharmacy.

RECOMMENDED INTERNATIONAL NON-PROPRIETARY NAMES (*Rec. I.N.N.*): LIST 1

<i>Recommended International Non-Proprietary Name (Latin, English)</i>	<i>Chemical Name or Description</i>
acebrocholum acebrochol	acetodibromodihydrocholesterol
acetaminosalolum acetaminosalol	acetyl-4-aminophenyl salicylate
acidum aminoaceticum amino-acetic acid	amino-acetic acid, glycocoll
acidum dehydrocholicum dehydrocholic acid	
acidum gentisicum gentisic acid	5-hydroxysalicylic acid
acidum glutamicum glutamic acid	glutamic acid
acidum iopanoicum iopanoic acid	3-(3-amino-2, 4, 6-triiodophenyl)-2-ethylpropanoic acid
acriflavini chloridum acriflavinium chloride	mixture of the hydrochlorides of 3,6-diamino-10-methylacridinium chloride and 3,6-diamino-acridine
aethacridinum ethacridine	2-ethoxy-6,9-diaminoacridine
aethinyloestradiolum ethinyloestradiol	17-ethinyl-3,17-dihydroxy- Δ -1,3,5-oestratriene
aethoxazorutosidum ethoxazorutoside	monomorpholyethylrutoside
alcoholum benzylicum benzyl alcohol	phenylcarbinol
aldesulfonum natricum aldesulfone sodium	disodium salt of 4,4'-diaminodiphenylsulfone formaldehydesulfoxylic acid
allobarbitalum allobarbital	5,5-diallylbarbituric acid
allocupreidum natricum allocupreide sodium	sodium cuproallylthioureidobenzoate
allomethadionum allomethadione	3-allyl-5-methyloxazolidine-2,4-dione

¹ See *Off. Rec. Wld Hlth Org.*, 1955, 60, 55.

aminoethylis nitras	nitrate ester of aminoethanol
aminoethyl nitrate	
aminothiazolum	
aminothiazole	
amodiaquini hydrochloridum	7-chloro-4-(3'-diethylaminomethyl-4'-hydroxyanilino) quinoline
amodiaquine hydrochloride	dihydrochloride dihydrate
antazolini hydrochloridum	2-N-benzylanilinomethylimidazoline hydrochloride
antazoline hydrochloride	
aprobarbitalum	allylisopropylbarbituric acid
aprobarbital	
aurothioglycanidum	auromercaptoacetanilide
aurothioglycanide	
azamethonii bromidum	3-methyl-3-azapentane-1,5-bis (ethyl-dimethyl-ammonium) bromide
azamethonium bromide	
bacitracinum	
bacitracin	
benethamini penicillinum	benzylpenicillin salt of <i>N</i> -benzyl- β -phenylethylamine
benethamine penicillin	
benzalkonii chloridum	mixture of alkylbenzyltrimethylammonium chlorides
benzalkonium chloride	
benzethonii chloridum	benzyltrimethyl- <i>p</i> -(1,1,3,3-tetramethylbutyl) phenoxyethoxyethyl-
benzethonium chloride	ammonium chloride
benzododecinium	dimethylbenzyl-dodecylammonium
benzododecinium	
benzoestrolum	3-ethyl-2,4-bis (<i>p</i> -hydroxyphenyl) hexane
benzoestrol	
benzpyriniij bromidum	1-benzyl-3-(dimethylcarbamoyloxy) pyridinium bromide
benzpyrinium bromide	
bibrocatholum	bismuth derivative of tetrabromopyrocatechol
bibrocathol	
camphotamidum	camphosulfonyl- <i>N</i> -methylpyridine- β -diethyl-carbonamide
camphotamide	
caramiphenii chloridum	diethylaminoethyl-1-phenylcyclopentane-1-carboxylate hydrochloride
caramiphenium chloride	
carbromalum	α -bromo- α -ethylbutyrylurea
carbromal	
cetobemidonum	4- <i>m</i> -hydroxyphenyl-1-methyl-4-propionoyl-piperidine
ketobemidone	
cetrimonium	cetyltrimethylammonium
cetrimonium	
cetylpyridiniij chloridum	
cetylpyridinium chloride	
chloramphenicolum	D(-)-threo-1- <i>p</i> -nitrophenyl-2-dichloroacetamido-1,3-propanediol
chloramphenicol	
chlorazodinum	α, α' -azo-bis(chloroformamidine)
chlorazodin	

*Recommended International
Non-Proprietary Name
(Latin, English)*

Chemical Name or Description

chlornaphazinum	2,2'-dichlorodiethyl- β -naphthylamine
chlornaphazine	
chloropyrenit citras	<i>N,N</i> -dimethyl- <i>N'</i> -(2-pyridyl)- <i>N'</i> -(5-chloro-2-thienyl) ethylenedia-
chloropyrenium citrate	mine citrate
chlorquinaldolum	5,7-dichloro-8-hydroxy-2-methylquinoline
chlorquinaldol	
cinchocainii chloridum	hydrochloride of the β -diethylaminoethylamide of 2-butyloxy-
cinchocainium chloride	cinchoninic acid
cinchophenum	2-phenylquinoline-4-carboxylic acid
cinchophen	
cocarboxylasum	pyrophosphoric ester of thiamine
cocarboxylase	
corticotrophinum	adrenocorticotrophic hormone
corticotrophin	
cyanocobalaminum	vitamin B ₁₂
cyanocobalamin	
cyclobarbitalum	5-(1-cyclohexenyl)-5-ethylbarbituric acid
cyclobarbital	
cyclopentaminum	<i>N</i> - α -dimethylcyclopentylethylamine
cyclopentamine	
cyclopropanum	
cyclopropane	
decamethonium	decamethylene-1,10-bis(trimethylammonium)
decamethonium	
diaphenylsulfonum	4,4'-diaminodiphenylsulfone
diaphenylsulfone	
dichlorophenarsini hydrochloridum	3-amino-4-hydroxyphenyl dichlorarsine hydrochloride
dichlorophenarsine hydrochloride	
diethylcarbamazonum	1-diethylcarbamoyl-4-methylpiperazine
diethylcarbamazine	
digitoxosidum	one of the heterosides of the leaf of <i>Digitalis purpurea</i> L.
digitoxoside	
dihydrostreptomycinum	
dihydrostreptomycin	
dihydrotachysterolum	
dihydrotachysterol	
diiodohydroxyquinolinum	8-hydroxy-5,7-diodoquinoline
diiodohydroxyquinoline	
dimenhydrinatum	2-(diphenylmethoxy)- <i>N,N</i> -dimethylethylammonium 8-chloro-
dimenhydrinate	theophyllinate
dimercaprolum	2,3-dimercaptopropanol
dimercaprol	
dimethiodalum natricum	sodium diiodomethanesulfonate
dimethiodal sodium	
dimethyltubocurarinii chloridum	
dimethyltubocurarinium chloride	

Recommended International
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(Latin, English)

Chemical Name or Description

dimoxylinii phosphas dimoxylinium phosphate	6,7-dimethoxy-1-(4'ethoxy-3'-methoxybenzyl) 3-methylisoquinolinium phosphate
diperodoni hydrochloridum diperodon hydrochloride	3-(1-piperidyl)-1,2-propanediol dicarbanilate hydrochloride
diphenanum diphenan	4-benzylphenyl carbamate
diphenhydramini hydrochloridum diphenhydramine hydrochloride	β -benzhydryl 2-dimethylaminoethyl ether hydrochloride
diprophyllinum diprophylline	dihydroxypropyltheophylline
disulfiramum disulfiram	tetraethylthiuram disulfide
dixanthogenum dixanthogen	diethyldixanthogen
doxylaminii succinas doxylaminium succinate	2-[<i>a</i> -(2-dimethylaminoethoxy)- <i>a</i> -methylbenzyl] pyridine succinate
eucatropinum eucatropine	4-hydroxy-1,2,2,6-tetramethylpiperidine phenyl-glycolate
fumagillinum fumagillin	an antibiotic substance produced by certain strains of <i>Aspergillus fumigatus</i>
furtrethonii iodidum furtrethonium iodide	furfuryltrimethylammonium iodide
glucosulfamidum glucosulfamide	glucose sodium bisulfite compound of sulfanilamidomethanol
glucosulfonum glucosulfone	<i>p,p'</i> -diaminodiphenylsulfone- <i>N,N'</i> -di-(glucose sodium sulfonate)
gonadotrophinum chorionicum chorionic gonadotrophin	contains the gonad-stimulating substance obtained from the urine of pregnant women
gonadotrophinum sericum serum gonadotrophin	contains the follicle-stimulating substance obtained from the serum of pregnant mares
gramicidinum gramicidin	
heptaminolum heptaminol	2-amino-6-methylheptan-6-ol
hexachlorophenum hexachlorophene	di-(2-hydroxy-3,5,6-trichlorophenyl) methane
hexamethonium hexamethonium	hexamethylene-1,6-bis(trimethylammonium)
hexobarbitalum hexobarbital	5-(1-cyclohexenyl)-1,5-dimethyl-barbituric acid
hexoestrium hexoestrol	3,4-di-(<i>p</i> -hydroxyphenyl) <i>n</i> -hexane
homatropini methylbromidum homatropine methylbromide	
hyaluronidasum hyaluronidase	enzymes of various origins which depolymerize hyaluronic acid

<i>Recommended International Non-Proprietary Name (Latin, English)</i>	<i>Chemical Name or Description</i>
hydralazinum	1-hydrazinophthalazine
hydralazine	
hydrocodoni bitartras	dihydrocodeinone acid tartrate
hydrocodone bitartrate	
hydromorphoni hydrochloridum	dihydromorphinone hydrochloride
hydromorphone hydrochloride	
hydroxyprocainum	diethylaminoethanol 4-aminosalicylate
hydroxyprocaine	
hydroxypyridini tartaras	tartrate ester of 3-hydroxypyridine
hydroxypyridine tartrate	
hydroxytetracainum	2-dimethylaminoethanol 4- <i>n</i> -butylamino-salicylate
hydroxytetracaine	
ibrotamidum	ethylisopropyl- α -bromacetamide
ibrotamide	
iodetrylum	ethyl diiodostearate
iodetryl	
iodophthaleinum natricum	disodium salt of tetraiodophenolphthalein
iodophthalein sodium	
iodothiouracilum	4-hydroxy-5-iodo-2-mercaptopyrimidine
iodothiouracil	
iproniazidum	1- <i>isonicotinyl</i> -2- <i>isopropylhydrazide</i>
iproniazid	
isomethadonum	6-dimethylamino-4,4-diphenyl-5-methyl-3-hexanone
isomethadone	
isoprenalinum	1-(3',4'-dihydroxyphenyl)-2- <i>isopropylamino</i> -ethanol
isoprenaline	
khellinum	5,8-dimethoxy-3-methyl-6,7-furano-chromone, extracted from the fruits of <i>Ammi visnaga</i> (L.) Lam.
khellin	(-) 3-methoxy- <i>N</i> -methylmorphinan
levomethorphanum	maleyl- <i>p</i> -aminophenylsulfonamidothiazole
levomethorphan	
maleylsulfathiazolum	β -dimethylaminoethyl- <i>p</i> -methoxybenzhydryl ether
maleylsulfathiazole	
medrylaminum	1,2-dihydroxy-3-(2'-methylphenoxy)-propane
medrylamine	
mephenesinum	<i>N</i> - <i>p</i> -methoxybenzyl- <i>N</i> ', <i>N</i> 'dimethyl- <i>N</i> -2-pyridylethylenediamine
mephenesin	
mepyraminum	mixture of methoxyoxymercuripropyl-succinylurea and theophylline
mepyramine	
meralluridum	disodium salt of 2,7-dibromo-4-hydroxy-mercurifluoresceine
meralluride	
merbrominum	β -mercaptoethylamine
merbromin	
mercaptaminum	disodium salt of <i>N</i> -(3-carboxymethylmercapto-mercuri-2-methoxy)- propylcamphoramic acid
mercaptamine	
mercaptomerinum	
mercaptomerin	

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Chemical Name or Description

mercuderamidum mercuderamide	hydroxymercuripropanolamide of <i>o</i> -carboxyphenoxyacetic acid
mercurobutolum mercurobutol	4- <i>tert</i> -butyl-2-chloromercuriphenol
mercuphyllinum mercuphylline	mixture of the sodium salt of the β -methoxy- γ -hydroxymercuri-propylamide of trimethylcyclopentanedicarboxylic acid and theophylline
metaraminoli bitartras metaraminol bitartrate	(--) 1- <i>m</i> -hydroxyphenyl-2-amino-1-propanol hydrogen (+) tartrate
methacholinii chloridum methacholinium chloride	acetyl- β -methylcholinium chloride
methandriolum methandriol	17 α -methyl-3 β ,17 β -dihydroxyandrostene-5
methaphenilenum methaphenilene	<i>N,N</i> -dimethyl- <i>N</i> -phenyl- <i>N</i> -(2-thienylmethyl) ethylenediamine
methapyrilenum methapyrilene	<i>N,N</i> -dimethyl- <i>N'</i> -(2-pyridyl)- <i>N'</i> -(2-thienyl) ethylenediamine
metharbitalum metharbital	5,5-diethyl-1-methyl barbituric acid
methenamini tetraiodidum methenaminiium tetraiodide	hexamethylenetetraninium tetraiodide
methenamimum methenamine	hexamethylenetetramine
methestrolu dipropionas methestrol dipropionate	4,4'-(1,2-diethylethylene)di- <i>o</i> -cresol dipropionate
methiodalum natriicum methiodal sodium	sodium iodomethanesulfonate
methylbenzethonii chloridum methylbenzethonium chloride	benzylidimethyl-2-[2-(<i>p</i> -1,1,3,3-tetramethyl-butyl-cresoxy) ethoxy] ethylammonium chloride
methylergometrini tartras methylergometriniium tartrate	D-lysergic acid 2-butanolamide tartrate
methylphenobarbitalum methylphenobarbital	<i>N</i> -methyl-5-ethyl-5-phenylbarbituric acid
methylrosanilini chloridum methylrosaniliniium chloride	crystal violet
methylthionii chloridum methylthioniniium chloride	tetramethylthioninium chloride
methylthiouracilum methylthiouracil	4-methyl-2-thiouracil
monoethanolamini oleas monoethanolaminiium oleate	
nalorphinum nalorphine	<i>N</i> -allylnormorphine
naphazolinum naphazoline	2-(1-naphthylmethyl) imidazoline

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Chemical Name or Description

natrii ascorbas sodium ascorbate	
natrii aurothiomalas sodium aurothiomalate	mainly the sodium salt of aurothiomalic acid
natrii cyclamas sodium cyclamate	sodium cyclohexylsulfamate
natrii dehydrocholas sodium dehydrocholate	
natrii gentisas sodium gentisate	sodium 5-hydroxysalicylate
natrii morrhuas sodium morrhuate	the sodium salts of the fatty acids of cod-liver oil
natrii stibogluconas sodium stibogluconate	sodium antimonylgluconate
natrii tetradecylis sulfas sodium tetradecyl sulfate	sodium 7-ethyl-2-methylundecyl-4-sulfate
nicopholinum nicopholine	morpholine nicotinic acid amide
nitrosulfathiazolum nitrosulfathiazole	2-(<i>p</i> -nitrophenylsulfonamido) thiazole
octamylaminum octamylamine	<i>iso</i> amylaminomethylheptane
oxapropanii iodidum oxapropanium iodide	1-dimethylaminomethylene-2,3-dioxypropane iodomethylate
oxophenarsini hydrochloridum oxophenarsine hydrochloride	3-amino-4-hydroxy-phenyl arsenoxide hydrochloride
oxycodoni hydrochloridum oxycodone hydrochloride	dihydrohydroxycodeinone hydrochloride
oxydipentonii chloridum oxydipentonium chloride	5,5'-bis(trimethylammonium)dipentyl ether dichloride
oxyphenonii bromidum oxyphenonium bromide	diethyl-2-(hydroxyethyl)methylammonium bromide α -phenyl- α -cyclohexylglycolate
oxytetracyclinum oxytetracycline	an antibiotic substance produced by the growth of <i>Streptomyces rimosus</i> , or the same substance produced by any other means
paramethadionum paramethadione	3,5-dimethyl-5-ethyloxazolidine-2,4-dione
parethoxycainum parethoxycaine	diethylaminoethanol 4-ethoxybenzoate
paroxypropionum paroxypropione	4-hydroxypropiophenone
pentacrithryli tetranitras pentaerithryl tetranitrate	
pentamethonium pentamethonium	pentamethylene-1,5-bis(trimethylammonium)
pentamidinum pentamidine	<i>p</i> '- <i>p</i> '-diamidino-diphenoxy-pentane

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pentobarbitalum pentobarbital	5-ethyl-5-(1-methylbutyl) barbituric acid
phenacemidum phenacemide	phenylacetylurea
phenadoxonum phenadoxone	6-morpholino-4,4-diphenylheptan-3-one
phenicarbazidum phenicarbazide	phenylsemicarbazide
phenindaminum phenindamine	2-methyl-9-phenyl-2,3,4,9-tetrahydro-1-pyridindene
pheniodolum natricum pheniodol sodium	sodium α -phenyl- β -(4-hydroxy-3,5-diiodophenyl) propionate
phenododecinum phenododecinium	dodecyldimethyl-2-phenoxyethylammonium
phenothiazinum phenothiazine	
phentolaminum phentolamine	2-(<i>m</i> -hydroxy- <i>N</i> - <i>p</i> -tolylanilinomethyl)-2-imidazoline
phenylbutazonum phenylbutazone	3,5-dioxo-1,2-diphenyl-4- <i>n</i> -butylpyrazolidine
pholcodinum pholcodine	morpholinylethymorphine
pholedrinii sulfas pholedrinium sulfate	β -(<i>p</i> -hydroxyphenyl) isopropylmethylammonium sulfate
phthalylsulfathiazolum phthalylsulfathiazole	(<i>o</i> -carboxybenzoyl)- <i>p</i> -aminophenyl-sulfonamido-thiazole
piperocainii chloridum piperocainium chloride	3-benzyloxy-1-(2-methylpiperidino) propane hydrochloride
piperoxani hydrochloridum piperoxan hydrochloride	2-(1-piperidylmethyl)1,4-benzodioxan hydrochloride
piridocainum piridocaine	β -(2-piperidyl) ethyl <i>o</i> -aminobenzoate
pregnenolonum pregnenolone	3-hydroxy-20-keto-pregnene-5
primaquinum primaquine	8-(4-amino-1-methylbutylamino)-6-methoxyquinoline
probarbitalum natricum probarbital sodium	sodium derivative of 5-ethyl-5-isopropylbarbituric acid
procainamidum procainamide	4-amino-(2-diethylaminoethyl) benzamide
procyclidinum procyclidine	1-phenyl-1-cyclohexyl-3-pyrrolidino-propan-1-ol hydrochloride
promethazini hydrochloridum promethazine hydrochloride	(dimethylamino-2'-methyl-2'ethyl)- <i>N</i> -dibenzoparathiazine hydrochloride
propamidinum propamidine	α,ω -(4,4'-diamidinodiphenoxy) propane

<i>Recommended International Non-Proprietary Name (Latin, English)</i>	<i>Chemical Name or Description</i>
propanthelini bromidum propantheline bromide	β -diisopropylaminoethyl xanthen-9-carboxylate methylbromide
propyliodonum propyliodone	propyl-3,5-diiodo-4-pyridone acetate
propylthiouracilum propylthiouracil	2-mercapto-4-hydroxy-6- <i>n</i> -propylpyrimidine
propyphenazonum propyphenazone	1-phenyl-2,3-dimethyl-4-isopropyl-5-pyrazolone
pyridoxinii chloridum pyridoxinium chloride	4,5-di(hydroxymethyl)-3-hydroxy-2-methyl-pyridinium chloride
pyrimethaminum pyrimethamine	2,4-diamino-5- <i>p</i> -chlorophenyl-6-ethylpyrimidine
pyroxylinum pyroxylin	soluble guncotton
racemethorphanum racemethorphan	(\pm) 3-methoxy- <i>N</i> -methylmorphinan
racemorphanum racemorphan	(\pm) 3-hydroxy- <i>N</i> -methylmorphinan
rutosidum rutoside	3-rhamnoglucoside of 5,7,3',4'-tetrahydroxy-flavonol
salacetamidum salacetamide	<i>N</i> -acetylsalicylamide
salazosulfamidum salazosulfamide	<i>p</i> -sulfonamidophenylazosalicylic acid
salazosulfathiazolum salazosulfathiazole	<i>p</i> -aminophenylsulfonamidothiazole-azosalicylic acid
salicylamidum salicylamide	2-hydroxybenzamide
solutio natrii chloridi composita compound solution of sodium chloride	synonym : Ringer's solution
solutio natrii lactatis composita compound solution of sodium lactate	synonym : Ringer's lactate solution
stearylsulfamidum stearylsulfamide	stearylsulfanilamide
stibamini glucosidum stibamine glucoside	<i>N</i> -glucoside of sodium 4-aminophenylstibonate
streptomycinum streptomycin	
subathizonum subathizone	4-ethylsulfonylbenzaldehyde thiosemicarbazone
sulfacetamidum sulfacetamide	<i>p</i> -aminophenylsulfonacetamide
sulfadimidinum sulfadimidine	2-sulfanilamido-4,6-dimethylpyrimidine
sulfisomidinum sulfisomidine	2,4-dimethyl-6-sulfanilamidopyrimidine

*Recommended International
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(Latin, English)*

Chemical Name or Description

sulfogaiacolum sulfogaiacol	potassium guaiacolsulfonate
suraminum natricum suramin sodium	symmetrical urea of the sodium salt of <i>m</i> -benzoyl- <i>m</i> -amino- <i>p</i> -methyl- benzoyl-1-aminonaphthalene 4,6,8-trisulfonic acid
suxethonii chloridum suxethonium chloride	bis-(2-dimethylaminoethyl) succinate bisethochloride
thiacetarsamidum natricum thiacetarsamide sodium	disodium salt of <i>p</i> -[bis-(carboxymethyl-mercapto)arsino] benzamide
thiazosulfonum thiazosulfone	2,4'-diaminothiazolyphenylsulfone
thioacetazonum thioacetazone	4-acetamidobenzaldehyde thiosemicarbazone
thiodiglycolum thiodiglycol	2,2'-dihydroxyethyl sulfide
thonzylaminii chloridum thonzylaminium chloride	<i>N,N</i> -dimethyl- <i>N'</i> -(<i>p</i> -methoxybenzyl)- <i>N'</i> -(2-pyrimidyl) ethylenedia- mine hydrochloride
tocamphylum tocamphyl	diethanolamine salt of tolylmethyl carbinol mono- <i>D</i> -camphoric acid ester
tolazolinum tolazoline	2-benzylimidazoline
trichloroethylenum trichlorethylene	
tribexyphenidyli hydrochloridum tribexyphenidyl hydrochloride	1-cyclohexyl-1-phenyl-3-piperidino-1-propanol hydrochloride
trimethadionum trimethadione	3,5,5-trimethyloxazolidine-2,4-dione
tripelennamini hydrochloridum tripelennamine hydrochloride	<i>N</i> -benzyl- <i>N'</i> , <i>N'</i> -dimethyl- <i>N</i> -2-pyridyl-ethylenediamine hydro- chloride
tuaminoheptanum tuaminoheptane	1-methylhexylamine
tubocurarini chloridum tubocurarine chloride	<i>D</i> -tubocurarine chloride
tyrothricinum tyrothricin	
urethanum urethane	ethyl carbamate
vanyldisulfamidum vanyldisulfamide	4'-oxy-5'-methoxy-1-benzylidene-bis-(aminophenylsulfonamide)
vinbarbitalum vinbarbital	5-ethyl-5-(1-methyl-1-butenyl) barbituric acid

In accordance with paragraph 8 of the Procedure, and in the interest of public health, the Director-General has requested² that these names be recognized as the non-proprietary names for the substances in question and that the necessary steps be taken to prevent the acquisition of proprietary rights in the names, including prohibition of registration of the names as trade-marks or trade-names.

² Circular letter C.L. 13.1955, P5/438/3, 25 April 1955