

C07G

COMPOUNDS OF UNKNOWN CONSTITUTION (sulfonated fats, oils or waxes of undetermined constitution [C07C 309/62](#))

Definition statement

This place covers:

Organic compounds of unknown structure. This means that the structure of the compound cannot be deduced to a level sufficient to classify the document in any of the other subclasses of [C07](#).

Relationships with other classification places

In subclasses [C07C](#) - [C07K](#), the last place priority rule is used, i.e. in the absence of an indication to the contrary, a compound is classified in the last appropriate place. Hence, while individual heterocycle-containing amino acids are classified in subclass [C07D](#), peptides are generally classified in subclass [C07K](#). Similarly, compounds containing saccharide radicals are classified in subclass [C07H](#) and heterocyclic steroids are classified in subclass [C07J](#). (Detailed instructions as to which compounds are considered as subclasses [C07H](#), [C07J](#) or [C07K](#) can be found in the corresponding CPC Definitions.) Heterocycles incorporating elements other than C, H, halogen, N, O, S, Se or Te are classified in subclass [C07F](#), but only if the metal-containing compound has a metal carbon bond or if the metal is attached to at least two different ligands. Salts, adducts or complexes formed between two or more organic compounds are classified according to all compounds forming the salts, adducts or complexes (e.g. maleic acid salts of heterocyclic compounds are also classified in subclass [C07C](#)).

Subclass [C07G](#) is allocated when the chemical subject matter is truly unknown or cannot be characterised. When claims are drawn to subject matter that could be classified in subclass [C07G](#) and the disclosed examples show that the structure of compound can be deduced to a sufficient level, one of more of the appropriate subclasses [C07C](#), [C07D](#), [C07F](#), [C07H](#), [C07J](#) or [C07K](#) should be applied instead of subclass [C07G](#).

Subclass [C07G](#) is a structure-oriented entry for the compounds themselves and does not cover the application or use of the compounds under the subclass definition.

For classifying such information, other entries exist. For example:

Heterocyclic compounds disclosed as dyes or pigments are classified in subclass [C09B](#).

Compounds or compositions for preservation of bodies of humans, animals, plants or parts thereof, as biocides, e.g. disinfectants, pesticides, herbicides, as pest repellants or attractants and as plant growth regulators are classified in subclass [A01N](#).

Preparations for medical, dental or toiletry purposes are classified in subclass [A61K](#).

Methods of using compounds for medical, dental or toiletry purposes are classified in subclass [A61K](#).

MULTIPLE CLASSIFICATION

Biocidal, pest repellant, pest attractant or plant growth regulatory activity of chemical compounds or preparations is further classified in subclass [A01P](#).

Medicinal preparations containing active organic ingredients are further classified in group [A61K 31/00](#).

Medicinal preparations containing materials or reaction products thereof with undetermined constitution are further classified in group [A61K 35/00](#).

Relationships with other classification places

Medicinal preparations containing undetermined constitution containing material from algae, lichens, fungi, plants or derivatives thereof, e.g. traditional herbal medicines are further classified in group [A61K 36/00](#).

Medicinal preparations containing peptides are further classified in group [A61K 38/00](#).

Therapeutic activity of chemical compounds or medicinal preparations is further classified in subclass [A61P](#).

Uses of cosmetics or similar toiletry preparations are further classified in subclass [A61Q](#).

References

Limiting references

This place does not cover:

Sulfonated fats, oils or waxes of undetermined constitution	C07C 309/62
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Medicinal preparations containing materials or reaction products thereof with undetermined constitution	A61K 35/00
Medicinal preparations of undetermined constitution containing material from algae, lichens, fungi or plants or derivatives thereof, e.g. traditional herbal medicines	A61K 36/00
Medicinal preparations containing peptides	A61K 38/00
Acyclic or carbocyclic compounds	C07C
Vitamin K1	C07C 50/14
Pantothenic acid	C07C 235/12
Vitamins of the D group	C07C 401/00
Vitamin A	C07C 403/08
Heterocyclic compounds	C07D
Pyridoxal, pyridoxamine	C07D 213/66
Tocopherols	C07D 311/72
Lipoic acid	C07D 339/04
Vitamin B1	C07D 415/00
Riboflavin	C07D 475/14
Biotin	C07D 495/04
Acyclic, carbocyclic or heterocyclic compounds containing elements other than carbon, hydrogen, halogen, oxygen, nitrogen, sulfur, selenium or tellurium	C07F
Sideramines; Corresponding desferri compounds	C07F 15/03
Sugars or derivatives thereof, nucleosides, nucleotides or nucleic acids	C07H
Vitamin B12	C07H 23/00
Steroids	C07J
Peptides or proteins of known or unknown structure	C07K
Polysaccharides	C08B

Fermentation or enzyme-using processes to synthesise a desired chemical compound or composition or to separate optical isomers from a racemic mixture	C12P
Electrolytic production of organic compounds	C25B 3/00
Electrophoretic production of compounds or non-metals	C25B 7/00

Special rules of classification

In this subclass, in the absence of an indication to the contrary, a compound is classified in the last appropriate place.

C07G 1/00

Low-molecular-weight derivatives of lignin (high-molecular-weight derivatives of lignin {[C08H 6/00](#)})

Definition statement

This place covers:

Lignin and lignin derivatives of unknown structure, for instance the preparation or recovery of lignin from lignocellulosic material or black liquor.

References

Limiting references

This place does not cover:

Macromolecular compounds derived from lignin, e.g. tannins or humic acids	C08H 6/00
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C07G 3/00

Glycosides

Definition statement

This place covers:

Glycosides of unknown structure.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Carbohydrates of known structure having 1-5 monomers	C07H
Polysaccharides having 6 or more monomers	C08B

C07G 5/00**Alkaloids****Definition statement**

This place covers:

Alkaloids of unknown structure, e.g. isolation of structurally undefined alkaloids from plant material.

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Medicinal preparations containing alkaloids with undetermined constitution	A61K 35/00
Medicinal preparations of undetermined constitution containing alkaloids from algae, lichens, fungi or plants, or derivatives thereof, e.g. traditional herbal medicines	A61K 36/00

C07G 9/00**Ammonium bituminosulfonate, e.g. Ichthyol****Definition statement**

This place covers:

Ammonium bituminosulfonates of unknown structure, e.g. Ichthyol or bituminosulfonic acid and its salts.

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Medicinal preparations containing tars or bitumens	A61K 35/04
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C07G 11/00**Antibiotics****Definition statement**

This place covers:

Antibiotics of unknown structure.

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Medicinal preparations containing alkaloids with undetermined constitution	A61K 35/00
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Medicinal preparations of undetermined constitution containing alkaloids from algae, lichens, fungi or plants, or derivatives thereof, e.g. traditional herbal medicines	A61K 36/00
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C07G 13/00

Vitamins of unknown constitution

Definition statement

This place covers:

Vitamins of unknown structure.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Medicinal preparations containing vitamins with undetermined constitution	A61K 35/00
Medicinal preparations of undetermined constitution containing vitamins from algae, lichens, fungi or plants, or derivatives thereof, e.g. traditional herbal medicines	A61K 36/00
Vitamin K1	C07C 50/14
Pantothenic acid	C07C 235/12
Vitamins of the D group	C07C 401/00
Vitamin A	C07C 403/08
Pyridoxal, pyridoxamin	C07D 213/66
Pyridoxin	C07D 213/67
Vitamin C	C07D 307/62
Tocopherols	C07D 311/72
Lipoic acid	C07D 339/04
Vitamin B1	C07D 415/00
Riboflavin	C07D 475/14
Biotin	C07D 495/04
Sideramines; The corresponding desferri compounds	C07F 15/03
Vitamin B12	C07H 23/00

C07G 15/00

Hormones

Definition statement

This place covers:

Hormones of unknown structure.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Medicinal preparations containing vitamins with undetermined constitution	A61K 35/00
Medicinal preparations of undetermined constitution containing vitamins from algae, lichens, fungi or plants or derivatives thereof, e.g. traditional herbal medicines	A61K 36/00
Medicinal preparations containing peptides	A61K 38/00

C07G 99/00

Subject matter not provided for in other groups of this subclass

Definition statement

This place covers:

Compounds of unknown structure not falling within [C07G 1/00](#) - [C07G 15/00](#).