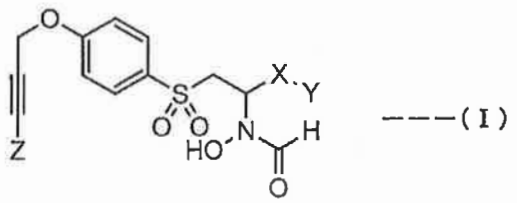
CLAIMS

[Claim 1]

A compound represented by the following general formula (I), or a salt thereof~~, or a solvate thereof~~:

[Chemical Formula 1]



---(I)

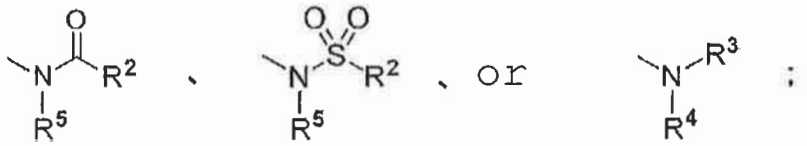
wherein X represents a phenylene group;

Y represents~~ a hydrogen atom, or~~ $-(CH_2)_mR^1$;

m indicates an integer of from 0 to 4;

R^1 represents:

[Chemical Formula 2]



R^2 represents an optionally-substituted C1-C6 alkyl group, an optionally-substituted aryl group, or a C1-C6 alkoxy group;

R^3 and R^4 each independently represent a hydrogen atom, a C1-C6 alkyl group, or R^3 and R^4 may form a nitrogen-containing hetero ring along with the nitrogen atom adjacent thereto;

R^5 represents a hydrogen atom, a C1-C6 alkyl group or a C1-C6 alkylsulfonyl group;

Z represents a hydrogen atom or a C1-C6 alkyl group.

[Claim 2]

The compound or a salt thereof ~~or a solvate thereof~~ according to claim 1, wherein the compound represented by the general formula (I) is the following:

N-[2-(4-but-2-ynyloxybenzenesulfonyl)-1-(4-diethylaminomethylphenyl)ethyl]-N-hydroxyformamide,

N-[2-(4-but-2-ynyloxybenzenesulfonyl)-1-(4-dimethylaminomet

ino)ethyl]benzyl}-N-methylsulfonylmethanesulfonamide,
N-{2-(4-but-2-ynyloxybenzenesulfonyl)-1-[4-(2-dimethylamino ethyl)phenyl]ethyl}-N-hydroxyformamide,
N-{2-(4-but-2-ynyloxybenzenesulfonyl)-1-[4-(2-morpholin-4-y lethyl)phenyl]ethyl}-N-hydroxyformamide,
N-(2-{4-[2-(4-but-2-ynyloxybenzenesulfonyl)-1-(formylhydrox yamino)ethyl]phenyl}ethyl)methanesulfonamide,
N-{2-(4-but-2-ynyloxybenzenesulfonyl)-1-[4-(3-dimethylamino propyl)phenyl]ethyl}-N-hydroxyformamide,
N-{2-(4-but-2-ynyloxybenzenesulfonyl)-1-[4-(3-diethylaminop ropyl)phenyl]ethyl}-N-hydroxyformamide,
N-{2-(4-but-2-ynyloxybenzenesulfonyl)-1-[4-(3-morpholin-4-y lpropyl)phenyl]ethyl}-N-hydroxyformamide,
N-{2-(4-but-2-ynyloxybenzenesulfonyl)-1-[4-(4-morpholin-4-y lbutyl)phenyl]ethyl}-N-hydroxyformamide,
N-{4-[1-(formylhydroxyamino)-2-(4-pent-2-ynyloxybenzenesulf onyl)ethyl]benzyl}methanesulfonamide, or
N-{4-[1-(formylhydroxyamino)-2-(4-oct-2-ynyloxybenzenesulfo nyl)ethyl]benzyl}methanesulfonamide.

[Claim 3]

The compound or a salt thereof according to claim 2, wherein the compound represented by the general formula (I) is N-{4-[2-(4-but-2-ynyloxybenzenesulfonyl)-1-(formylhydroxyam ino)ethyl]benzyl}methanesulfonamide.

[Claim ~~3~~4]

A medicament containing, as an active ingredient therein, a compound or a salt thereof ~~or a solvate thereof~~ as stated in claim 1 or 2.

[Claim ~~4~~5]

The medicament according to claim ~~3~~4, which is an ADAM17 inhibitor.

[Claim ~~5~~6]

The medicament according to claim ~~3~~4, which is a preventive agent or a treatment agent for rheumatoid arthritis, systemic lupus erythematosus, Crohn's disease, Behcet's disease, multiple sclerosis, Sjogren's syndrome, sepsis, acute infection, asthma, atopic dermatitis, psoriasis, or cancer.