

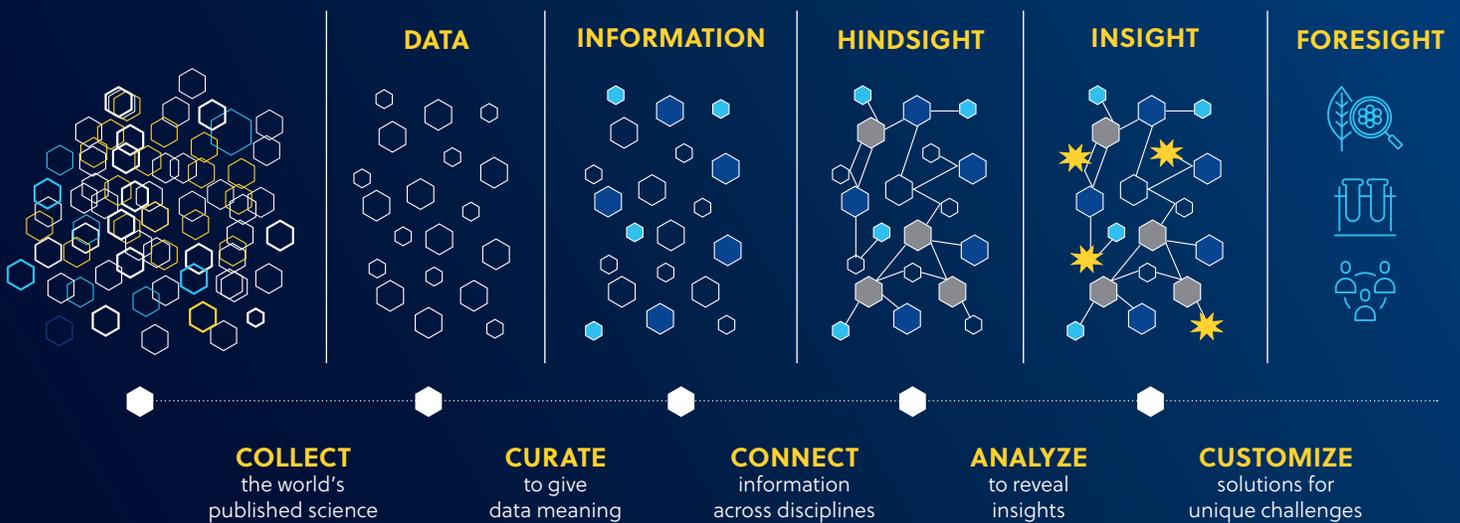
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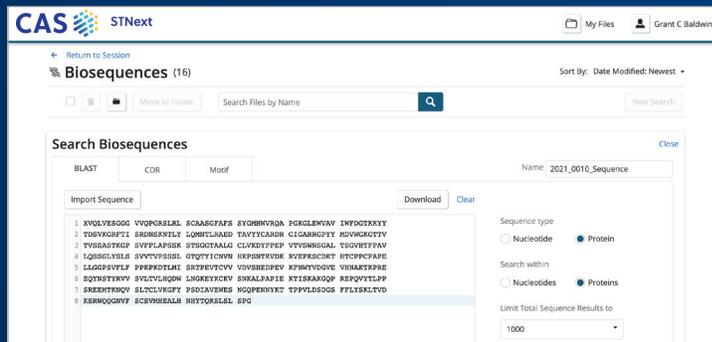
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AND REALIZATION
THERE ARE INSIGHTS**



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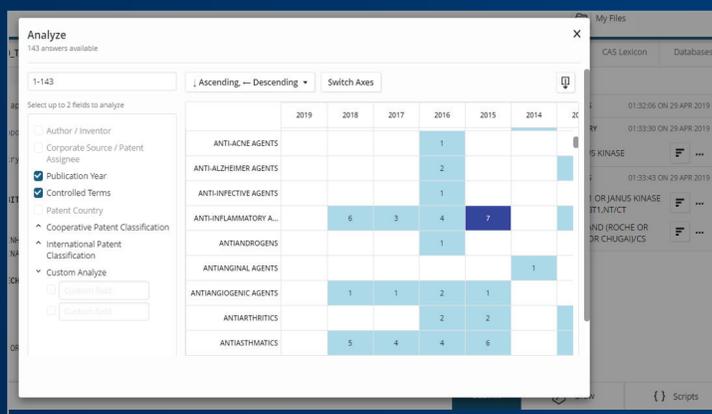
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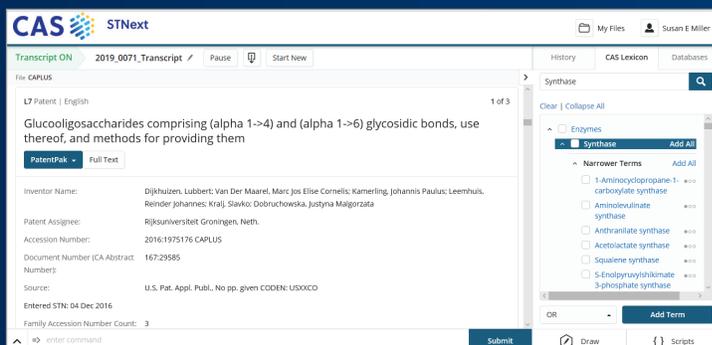
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The screenshot displays the CAS Scientific Patent Explorer interface. On the left, there are filter panels for Reaction Role, Stereochemistry, Number of Components, Substance Class, and Isotopes. The main area shows a grid of chemical structures with their respective patent counts and molecular formulas. A yellow box highlights the 'Absolute stereochemistry shown; Rotation (+)' text for the first structure. Below the grid, a table lists patent results with columns for Publication Number, Title, Legal Status & Events, Publication Date, Application Number, and Application Date. A yellow arrow points from the highlighted text in the grid to the 'Examining' status in the table.

Publication Number	Title	Legal Status & Events	Publication Date	Application Number	Application Date
1 JP2021042160A	Cholesterol elevation suppressor, food and drink for suppressing cholesterol, high cholesterolemia inhibitor, food and drink for high cholesterolemia suppression, and method for producing cholesterol elevation suppressor	Examining	18 Mar 2021	JP2019165019	11 Sep 2019
2 CN112481035A	Extraction method of fresh lotus oil essential oil	Examining	12 Mar 2021	CN202011295514.6	18 Nov 2020
3 JP2021018911A	Excipients for electrolytes, electrolytes, and lithium batteries	Examining	15 Feb 2021	JP2019133521	19 Jul 2019
4 CN112358389A	A preparation method for photochemical synthesis of 2-methyl-4,4'-oxybis(phenol)	Examining	12 Feb 2021	CN202011098023.2	14 Oct 2020

BETWEEN PURPOSE
AND INNOVATION
THERE IS EXPLORATION



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Overview	Dual View	Citation	Family	Concepts	Substances	Formulations	Reactions
Abstract	Application Number	PCT/82021/057281					
Claims	Application Date	06 Aug 2021					
Description	Publication Number	WO2021250648A1					
	Publication Date	16 Dec 2021					
	Current Assignee	PFIZER INC. 235 East 42nd Street, New York, New York 10017 US					
	Original Assignee (Applicant)	PFIZER INC. 235 East 42nd Street, New York, New York 10017 US					
	DocId Assignee	PFIZER INC.					
	IPC	IPC8: C07D207/267 C07D403/12 C07D403/14 A61P31/14 C07D401/12 C07D497/04 A61K31/4015 A61K31/4025					
	CPC	C07D401/12 C07D403/12 C07D207/267 C07D497/04 C07D403/14 A61P31/14					
	Inventor	CHEN, DAVID D RHYE (/o Pfizer Inc., 610 Main Street, Cambridge, Massachusetts 02139 US) PETERSSON, MARTIN YOUNGIN (3 Gibson Road, Littleton, Massachusetts 01460 US) KEESE, MATTHEW RICHARD (/o Pfizer Inc., 445 Eastern Point Road, Building 98/Groton, Connecticut 06340 US) SIMMONS, MATTHEW ROBERT (/o Pfizer Inc., 610 Main Street, Cambridge, Massachusetts 02139 US) TUTTLE, JAMISON BRUCE (/o Pfizer Inc., 610 Main Street, Cambridge, Massachusetts 02139 US) VERHOEST, PATRICK ROBERT (/o Pfizer Inc., 610 Main Street, Cambridge, Massachusetts 02139 US) WEL LUQUING (/o Pfizer Inc., 445 Eastern Point Road, Building 98/Groton, Connecticut 06340 US)					
							<p>1. N2782196A Nitrile-containing antiviral compounds</p> <p>2. WO2021250648A1 Nitrile-containing antiviral compounds</p>
							<p>[Translation] Title: Nitrile-containing antiviral compounds</p> <p>Abstract The invention relates to compounds of Formula (I') wherein R, R1, R2, R3, p, q and q' are as defined herein, pharmaceutical compositions comprising the compounds, methods of treating coronavirus infection such as COVID-19 in a patient by administering therapeutically effective amounts of the compounds and methods of inhibiting or preventing replication of coronaviruses such as SARS-CoV-2 with the compounds.</p> <p>[Translation] The invention relates to compounds of Formula (I') wherein R, R1, R2, R3, p, q and q' are as defined herein, pharmaceutical compositions comprising the compounds, methods of treating coronavirus infection such as COVID-19 in a patient by administering therapeutically effective amounts of the compounds, and methods of inhibiting or preventing replication of coronaviruses such as SARS-CoV-2 with the compounds.</p>

CAS
TACD (inorganic SPRE1 crystal* AND Calcium SPRE1 oxalate AND (flame SVQ (retard* OR resist*))

198 total records

Publication Number	Title	Legal Status & Events	Publication Date	Application Number	Application Date	Agency	IPC
IN201947007811A	Hollow molded article and method for producing hollow molded article		08 Mar 2019	IN201947007811	28 Feb 2019		
EP3690006A1	Flame retardant composition, flame retardant resin composition containing said flame retardant composition, and molded body of said flame retardant resin composition	Examining	05 Aug 2020	EP2018862824	21 Sep 2018	FORSTMEYER, DIETMAR	C09K11/12 C08K5/23 C08L25/04 +3
US20200277316A1	Flame retardant composition, flame retardant resin composition containing said flame retardant composition, and molded body of said flame retardant resin composition	Withdrawn	03 Sep 2020	US16645974	21 Sep 2018		C07F9/12 C08L6/00 C08L7/100
EP3690006A4	Flame retardant composition, flame retardant resin composition containing said flame retardant composition, and molded body of said flame retardant resin composition	Examining	02 Jun 2021	EP2018862824	21 Sep 2018	FORSTMEYER, DIETMAR	C09K11/12 C08K5/23 C08L25/04 +3
IN201817024607A	Flame retardant thermoplastic polyurethane resin composition		05 Oct 2018	IN201817024607	02 Jul 2018		
US20200010642A1	Flame retardant composition and flame-retardant synthetic resin composition containing same	Examining	09 Jan 2020	US16480916	29 Mar 2018		C08K5/52 C08K5/242 C08K5/18 +3

CAS
CA3036633A1 Hollow molded article and method of producing the same

Overview Dual View Citation Family Concepts Substances Formulations Reactions

Abstract
[0053] There are no particular restrictions on the amount of amino terminal groups in the polyamide 6 resin (A) and the polyamide resin (C), but the range of 1.0 to 16.0 x 10⁻⁵ mol/g is preferred. When the amount of the amino terminal groups is in the range of 1.0 to 16.0 x 10⁻⁵ mol/g, a sufficient degree of polymerization can be obtained, and the mechanical strength of the molded article can be improved. The amount of the amino terminal groups of the polyamide resin is determined by dissolving the polyamide resin in a mixed solvent of phenol and ethanol (83.5:16.5 (volume ratio)), followed by titration with an aqueous solution of 0.02 N hydrochloric acid.

Description
[0054] In the present invention, the polyamide resin composition preferably by CA 03036633 2019-03-12 contains a crystal nucleating agent. Examples of crystal nucleating agents include inorganic crystal nucleating agents and organic crystal nucleating agents.

[0055] Specific examples of inorganic crystal nucleating agents include talc, 5 kaolinite, montmorillonite, mica, synthetic mica, clay, zeolite, silica, graphite, carbon black, zinc oxide, magnesium oxide, calcium oxide, titanium oxide, calcium sulfide, boron nitride, magnesium carbonate, calcium carbonate, barium sulfate, aluminum oxide, neodymium oxide, metal salts of phenyl phosphonate, and the like, and may be used alone or in combination of two or more kinds. In order to improve the 10 dispersibility in the resin composition, these inorganic crystal nucleating agents are preferably modified with an organic substance.

[0056] Specific examples of organic crystal nucleating agents include metal salts of organic carboxylic acids such as sodium benzoate, potassium benzoate, lithium 15 benzoate, calcium benzoate, magnesium benzoate, barium benzoate, lithium terephthalate, sodium terephthalate, potassium terephthalate, calcium oxalate, sodium laurate, potassium laurate, sodium myristate, potassium myristate, calcium myristate, sodium octacosanoate, calcium octacosanoate, sodium stearate, potassium stearate, lithium stearate, calcium stearate, magnesium stearate, barium stearate, 20 sodium montanate, calcium montanate, sodium toluate, sodium salicylate, potassium salicylate, zinc salicylate, aluminum dibenzoate, potassium dibenzoate, lithium dibenzoate, sodium p-naphthylate, and sodium cyclohexanecarboxylate, organic sulfonates such as sodium p-toluenesulfonate and sodium sulfosuccinate, carboxylic acid amides such as stearamide, ethylene bisoleamide, palmitamide, 25 hydroxystearamide, eucamide, and trimesic acid tris-(n-butylamide), sodium salts or potassium salts (so-called ionomer) of a polymer having a carboxyl group such as a sodium salt of ethylene acrylic acid or methacrylic acid copolymer and a sodium salt CA 03036633 2019-03-12 = -of styrene-maleic anhydride copolymer, benzylidene sorbitol and derivatives thereof, metal salts of phosphorus compounds such as sodium-2,2'-methylenebis(4-di-t-butylphenyl)phosphate, and 2,2'-methylenebis(4-di-t-butylphenyl)sodium, amide waxes and the like. One of these can be used alone or two or more kinds can be used. Among them, an amide wax is preferred because the average spherulite size is easily reduced to a finer size.

[0057] Examples of the amide waxes include amide compounds obtained by reacting a monocarboxylic acid and a diamine, amide compounds obtained by reacting a monoamine and a polybasic acid, amide compounds obtained by reacting a monocarboxylic acid, a polybasic acid, and a diamine, and the like. These can be obtained by a dehydration reaction of corresponding amine and carboxylic acid.

[0058] The monoamine is preferably a monoamine having 5 or more carbon atoms, and specific examples thereof include pentylamine, hexylamine, heptylamine, octylamine, nonylamine, dodecylamine, stearylamine, cyclohexylamine and benzylamine. Two or more kinds of these may be used in combination. Among them, a higher aliphatic monoamine with the number of carbon atoms of 10 or more and 20 or less is particularly preferred. When the number of carbon atoms is larger than 20, the compatibility with the polyamide resin decreases, resulting in a risk of precipitation.

[0059] The monocarboxylic acid is preferably an aliphatic monocarboxylic acid and a hydroxycarboxylic acid having 5 or more carbon atoms. Specific examples thereof include valeric acid, caproic acid, caprylic acid, lauric acid, myristic acid, palmitic acid, stearic acid, oleic acid, linoleic acid, behenic acid, montanic acid, 12-hydroxystearic acid, benzoic acid and the like, and two or more kinds thereof may CA 03036633 2019-03-12be used in combination. Among them, a higher aliphatic monocarboxylic acid with the number of carbon atoms of 10 or more and 30 or less is particularly preferred. When the number of carbon atoms is larger than 30, the compatibility with the polyamide 6 resin decreases, resulting in a risk of precipitation. [0060] Specific examples of the diamine include ethylenediamine, 1,3-diaminopropane, 1,4-diaminopropane, tetramethylenediamine, hexamethylenediamine, nonamethylenediamine, undecamethylenediamine, dodecamethylenediamine, tetraaminoethylenediamine, tetraaminoethyleneamine, tetraaminoethyleneamine, and the like. Two or more kinds of these may be used in combination. Among them, ethylenediamine is particularly suitable.

198 Patents Search Results

- IN201947007811A
Hollow molded article and method for producing hollow...
- EP3690006A1
Flame retardant composition, flame retardant resin...
- US20200277316A1
Flame retardant composition, flame retardant resin...
- EP3690006A4
Flame retardant composition, flame retardant resin...
- IN201817024607A
Flame retardant thermoplastic polyurethane resin composition...
- US20200010642A1
Flame retardant composition and flame-retardant synthetic resin...
- EP3690006A1
Flame retardant composition and flame-retardant synthetic resin...
- EP3690006A4
Flame retardant composition and flame-retardant synthetic resin...
- US20200010642A1
Flame retardant composition and flame-retardant synthetic resin...
- CA3036633A1

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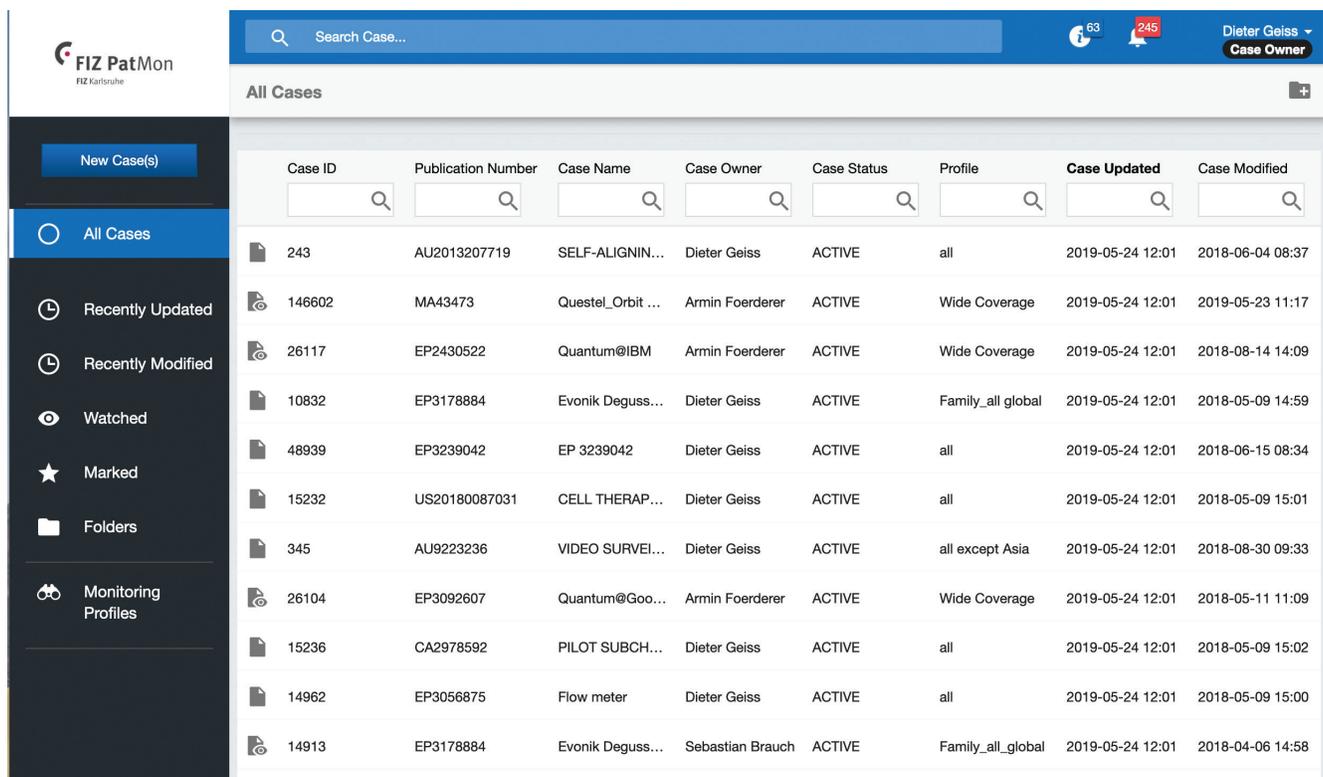
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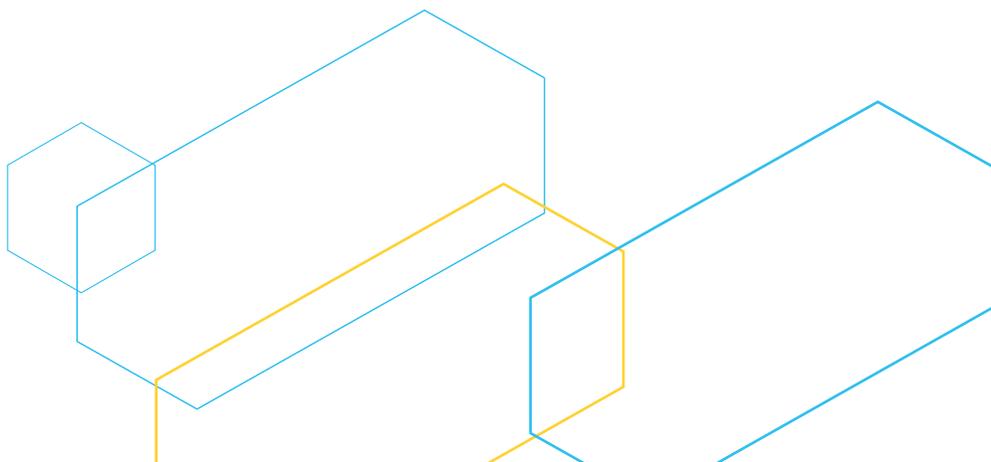
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The screenshot displays the FIZ PatMon web interface. At the top, there is a search bar labeled "Search Case..." and a user profile for "Dieter Geiss" with a notification badge showing "245". The main content area is titled "All Cases" and contains a table with the following columns: Case ID, Publication Number, Case Name, Case Owner, Case Status, Profile, Case Updated, and Case Modified. The table lists 13 patent cases, each with a document icon, a case ID, a publication number, a truncated case name, an owner name, a status (all ACTIVE), a profile, and two timestamps for updates and modifications.

Case ID	Publication Number	Case Name	Case Owner	Case Status	Profile	Case Updated	Case Modified
243	AU2013207719	SELF-ALIGNIN...	Dieter Geiss	ACTIVE	all	2019-05-24 12:01	2018-06-04 08:37
146602	MA43473	Questel_Orbit ...	Armin Foerderer	ACTIVE	Wide Coverage	2019-05-24 12:01	2019-05-23 11:17
26117	EP2430522	Quantum@IBM	Armin Foerderer	ACTIVE	Wide Coverage	2019-05-24 12:01	2018-08-14 14:09
10832	EP3178884	Evonik Deguss...	Dieter Geiss	ACTIVE	Family_all global	2019-05-24 12:01	2018-05-09 14:59
48939	EP3239042	EP 3239042	Dieter Geiss	ACTIVE	all	2019-05-24 12:01	2018-06-15 08:34
15232	US20180087031	CELL THERAP...	Dieter Geiss	ACTIVE	all	2019-05-24 12:01	2018-05-09 15:01
345	AU9223236	VIDEO SURVEI...	Dieter Geiss	ACTIVE	all except Asia	2019-05-24 12:01	2018-08-30 09:33
26104	EP3092607	Quantum@Goo...	Armin Foerderer	ACTIVE	Wide Coverage	2019-05-24 12:01	2018-05-11 11:09
15236	CA2978592	PILOT SUBCH...	Dieter Geiss	ACTIVE	all	2019-05-24 12:01	2018-05-09 15:02
14962	EP3056875	Flow meter	Dieter Geiss	ACTIVE	all	2019-05-24 12:01	2018-05-09 15:00
14913	EP3178884	Evonik Deguss...	Sebastian Brauch	ACTIVE	Family_all_global	2019-05-24 12:01	2018-04-06 14:58





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1. <https://www.pharmexec.com/view/2021-pharma-50>. 2. <https://www.shanghairanking.com/rankings/gras/2021/RS0103>. 3. https://www.wipo.int/edocs/pubdocs/en/wipo_pub_943_2020.pdf. 4. <https://www.investopedia.com/articles/markets/122215/worlds-top-10-biotechnology-companies-jnj-rogvx.asp>. 5. <https://cen.acs.org/business/finance/CENs-Global-Top-50-2021/99/i27>.



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