

No.	Patent Title	Publication Number	Link
1	Activation of histone deacetylase 1 (hdac1) protects against dna damage and increases neuronal survival	CA2734991 A1 WO2010011318 A2	https://www.google.com/patents/CA2734991A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=z6HrU7PcH8T5yQT1wIJJQ&ved=0CD4Q6AEwBTg8
2	Aryl pyridine as aldosterone synthase inhibitors	US8519142 B2	https://www.google.com/patents/US8519142?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=24HrU8KTOs2xyASvllCwDg&ved=0CEwQ6AEwBzge
3	Anti-inflammatory oxazole [4,5-b]pyridines	US4038396 A	https://www.google.com/patents/US4038396?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=zmLrU7y2CZe3yASx94GwCA&ved=0CBsQ6AEwADgK
4	Aromatic-cationic peptides and methods for using same	WO2013049697 A1	https://www.google.com/patents/WO2013049697A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=5X_rU4LIJIWOyATK3YHQAg&ved=0CBsQ6AEwADgU
5	Benzimidazole derivatives, compositions containing them, preparation thereof and uses thereof	US8633235 B2	https://www.google.com/patents/US8633235?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=5X_rU4LIJIWOyATK3YHQAg&ved=0CFoQ6AEwCTgU
6	Certain chemical entities, compositions, and methods	US7989469 B2	https://www.google.com/patents/US7989469?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=2Z_rU7K1M9etyAS93YG4CA&ved=0CBsQ6AEwADgy
7	Certain heterocycles, compositions thereof, and methods for their use	US8686007 B2	https://www.google.com/patents/US8686007?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=24HrU8KTOs2xyASvllCwDg&ved=0CEUQ6AEwBjge
8	Complexing low water solubility drug with water-soluble mixture	US4727064 A	https://www.google.com/patents/US4727064?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=5X_rU4LIJIWOyATK3YHQAg&ved=0CCIQ6AEwATgU
9	Compositions and methods related to sirt1 function	WO2010011331 A2	https://www.google.com/patents/WO2010011331A2?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=IW3rU47pJs2byATdtoBQ&ved=0CFoQ6AEwCTgK
10	Compositions and methods for the treatment of sinonasal disorders	WO2011050206 A2	https://www.google.com/patents/WO2011050206A2?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=24HrU8KTOs2xyASvllCwDg&ved=0CBsQ6AEwADge
11	Compounds and methods for treating inflammatory and fibrotic disorders	US8304413 B2	https://www.google.com/patents/US8304413?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=2Z_rU7K1M9etyAS93YG4CA&ved=0CFMQ6AEwCDgy
12	Cyclic benzimidazole derivatives useful as anti-diabetic agents	US8394969 B2	https://www.google.com/patents/US8394969?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=4IPrU7SMI8WayAScxlLwBw&ved=0CD4Q6AEwBTgo
13	1,4-dihydropyridine derivatives with hsp modulating activity	WO2013076516 A1	https://www.google.com/patents/WO2013076516A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=3FjrU5KCFoSwyASqmlKgBA&ved=0CCMQ6AEwAQ
14	Diabetes-related biomarkers and methods of use thereof	US20090271124 A1 US8409816 B2	https://www.google.com/patents/US20090271124?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=LqPrU7xWj5zIBKG6gsgP&ved=0CD4Q6AEwBThG
15	Flavones and flavanones derivatives as dna methyltransferases inhibitors	WO2011029956 A1	https://www.google.com/patents/WO2011029956A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=5X_rU4LIJIWOyATK3YHQAg&ved=0CEUQ6AEwBjgU
16	Fused imidazole carboxamides as TRPV3 modulators	US8318928 B2	https://www.google.com/patents/US8318928?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=LqPrU7xWj5zIBKG6gsgP&ved=0CFoQ6AEwCThG

17	Gut microsomal triglyceride transport protein inhibitors	WO2008100423 A1	https://www.google.com/patents/WO2008100423A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=z6HrU7PcH8T5yQT1wIJQ&ved=0CFoQ6AEwCTg8
18	Inclusion compounds with beta-cyclodextrin, antiinflammatory	US4383992 A	https://www.google.com/patents/US4383992?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=IW3rU47pJs2byATdtoBQ&ved=0CEwQ6AEwBzgK
19	Inhibitors of cdc2-like kinases (clks) and methods of use thereof	WO2009085226 A2	https://www.google.com/patents/WO2009085226A2?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=24HrU8KTOs2xyASvllCwDg&ved=0CFMQ6AEwCDge
20	Inhibition of hdac2 to promote memory	CA2745073 A1	https://www.google.com/patents/CA2745073A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=4IPrU7SMI8WayAScxlLwBw&ved=0CBsQ6AEwADgo
21	Inhibitors of histone deacetylase	WO2014018979 A1	https://www.google.com/patents/WO2014018979A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=2Z_rU7K1M9etyAS93YG4CA&ved=0CEwQ6AEwBzgy
22	Isoindole derivatives useful for treating pain, gastrointestinal diseases and cancer	WO2007139464 A1	https://www.google.com/patents/WO2007139464A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=4IPrU7SMI8WayAScxlLwBw&ved=0CDcQ6AEwBDgo
23	Hepatitis B antiviral agent	US8629274 B2	https://www.google.com/patents/US8629274?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=_q3rU4qDM9GTyAT93QI&ved=0CFMQ6AEwCDha
24	Heteroaryl amide derivatives	US8431593 B2	https://www.google.com/patents/US8431593?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=z6HrU7PcH8T5yQT1wIJQ&ved=0CFMQ6AEwCDg8
25	Heterocyclic inhibitors of protein arginine methyl transferases	WO2006113458 A1	https://www.google.com/patents/WO2006113458A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=IW3rU47pJs2byATdtoBQ&ved=0CDAQ6AEwAzgK
26	Histone deacetylase inhibitors	US8293513 B2	https://www.google.com/patents/US8293513?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=4IPrU7SMI8WayAScxlLwBw&ved=0CCIQ6AEwATgo
27	Metalloprotein inhibitors	US7579486 B2	https://www.google.com/patents/US7579486?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=5X_rU4LIJW0yATK3YHQAg&ved=0CCkQ6AEwAjgU
28	Methods and compositions for the treatment of disorders associated with defects of the cystic fibrosis transmembrane conductance regulator gene or protein	WO2009105234 A2	https://www.google.com/patents/WO2009105234A2?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=3FjrU5KCFoSwyASqmlKgBA&ved=0CF0Q6AEwCQ
29	Il-12 modulatory compounds	WO2006053227 A2	https://www.google.com/patents/WO2006053227A2?cl=en&dq=dihydropyridine,+sirtuins&ei=zmlrU7y2CZe3yASx94GwCA
30	Method of modulating stress-activated protein kinase system	US8741936 B2	https://www.google.com/patents/US8741936?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=4IPrU7SMI8WayAScxlLwBw&ved=0CFoQ6AEwCTgo
31	Method of reprogramming a cell	WO2012007725 A2	https://www.google.com/patents/WO2012007725A2?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=IW3rU47pJs2byATdtoBQ&ved=0CFMQ6AEwCDgK
32	Method for production of artificial pluripotent stem cell	EP2537920 A1	https://www.google.com/patents/EP2537920A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=3FjrU5KCFoSwyASqmlKgBA&ved=0CD8Q6AEwBQ

33	Method for treating obesity with anti-obesity formulations and omega 3 fatty acids for the reduction of body weight in cardiovascular disease patients (CVD) and diabetics	US8715648 B2	https://www.google.com/patents/US8715648?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=IW3rU47pJs2byATdtoBQ&ved=0CEUQ6AEwBjgK
34	Modulating voltage-operated calcium channels on immune cells	WO2014031594 A2	https://www.google.com/patents/WO2014031594A2?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=5X_rU4LIJIWOyATK3YHQAg&ved=0CFMQ6AEwCDgU
35	Modulating skeletal muscle	US8227603 B2	https://www.google.com/patents/US8227603?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=24HrU8KTOs2xyASvllCwDg&ved=0CDcQ6AEwBDge
36	Nampt and rock inhibitors	WO2012067965 A1	https://www.google.com/patents/WO2012067965A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=z6HrU7PcH8T5yQT1wIJQ&ved=0CDcQ6AEwBDg8
37	Nampt inhibitors	EP2640704 A1	https://www.google.com/patents/EP2640704A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=5X_rU4LIJIWOyATK3YHQAg&ved=0CDAQ6AEwAzgU
38	Novel heterocyclic compounds useful in sirtuin binding and modulation	WO2013090369 A1	https://www.google.com/patents/WO2013090369A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=3FjrU5KCFoSwyASqmIKgBA&ved=0CDgQ6AEwBA
39	Pharmaceutical formulations for parenteral use	US4983586 A	https://www.google.com/patents/US4983586?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=IW3rU47pJs2byATdtoBQ&ved=0CDcQ6AEwBDgK
40	Pyridine and quinoline derivatives, processes for their manufacture and their use as angiotensin II antagonists	EP0499415 A1	https://www.google.com/patents/EP0499415A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=z6HrU7PcH8T5yQT1wIJQ&ved=0CCIQ6AEwATg8
41	Pyridine derivatives and their use as medicaments for treating diseases related to mch receptor	WO2006035967 A1	https://www.google.com/patents/WO2006035967A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=24HrU8KTOs2xyASvllCwDg&ved=0CFoQ6AEwCTge
42	Reprogramming compositions	US20130189780 A1	https://www.google.com/patents/US20130189780?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=5X_rU4LIJIWOyATK3YHQAg&ved=0CD4Q6AEwBTgU
43	Selective inhibition of histone deacetylases 1 and 2 as a treatment for cardiac hypertrophy	WO2010039697 A2	https://www.google.com/patents/WO2010039697A2?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=zmLrU7y2CZe3yASx94GwCA&ved=0CCIQ6AEwATgK
44	Small molecule screening for mouse satellite cell proliferation	WO2012174537 A2	https://www.google.com/patents/WO2012174537A2?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=-KPrU-reLo6oyAT69IKQBA&ved=0CEcQ6AEwBjhQ
45	Sirtuin modulators as virus production modulators	WO2012106509 A1	https://www.google.com/patents/WO2012106509A1?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=3FjrU5KCFoSwyASqmIKgBA&ved=0CBwQ6AEwAA
46	SIRTUIN MODULATORS AS INHIBITORS OF CYTOMEGALOVIRUS	US20130338178 A1	https://www.google.com/patents/US20130338178?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=3FjrU5KCFoSwyASqmIKgBA&ved=0CDEQ6AEwAw

47	Substituted hydroxamic acids and uses thereof	US8778931 B2	https://www.google.com/patents/US8778931?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=2Z_rU7K1M9etyAS93YG4CA&ved=0CCIQ6AEwATgy
48	Targets for therapeutic intervention identified in the mitochondrial proteome	US20040101874 A1	https://www.google.com/patents/US20040101874?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=4IPrU7SMI8WayAScxlLwBw&ved=0CCkQ6AEwAjgo
49	Tetrahydrocyclopenta[b]indole androgen receptor modulators	US8486943 B2	http://www.google.com/patents/US8486943
50	Tetrahydrocyclopenta[b]indole compounds as androgen receptor modulators	US7968587 B2	https://www.google.com/patents/US7968587?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=-KPrU-reLo6oyAT69IKQBA&ved=0CFUQ6AEwCDhQ
51	Tetrahydropyridothiophenes as antiproliferative agents for the treatment of cancer	US7741488 B2	https://www.google.com/patents/US7741488?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=-KPrU-reLo6oyAT69IKQBA&ved=0CEAQ6AEwBThQ
52	Therapeutic compounds	US7615642 B2	https://www.google.com/patents/US7615642?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=-KPrU-reLo6oyAT69IKQBA&ved=0CE4Q6AEwBzhQ
53	Treatment for age-related cognitive decline and other conditions	WO2006034485 A2	https://www.google.com/patents/WO2006034485A2?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=24HrU8KTOs2xyASvllCwDg&ved=0CD4Q6AEwBTge
54	Use of CI-994 and dinaline for the treatment of memory/cognition and anxiety disorders	US8563615 B2	https://www.google.com/patents/US8563615?dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=2Z_rU7K1M9etyAS93YG4CA&ved=0CCkQ6AEwAjgy
55	Use of compounds activating sirt-3 for mimicking exercise	EP2214698 A2	https://www.google.com/patents/EP2214698A2?cl=en&dq=dihydropyridine,+sirtuins&hl=en&sa=X&ei=3FjrU5KCFoSwyASqmIKgBA&ved=0CE8Q6AEwBw