

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Ganoderma lucidum

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	LUCIDENIC-ACID-F	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIC-ACID-W	Mycelium				--
0	GANODERIOR-B	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERMA-LUCIDUM-POLYSACCHARIDE-FRACTION-A-H	Fruit				--
1	AMYLASE	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIC-ACID-M-E	Mycelium				--
0	LUCIDENIC-ACID-D	Plant				--
0	GANODERIC-ACID-A	Pileus				--
0	LANOSTA-7-9(11)-24-TRIEN-15-ALPHA-ACETOXY-3-BETA-HYDROXY-26-OIC-ACID	Mycelium				--
0	GANODERMATRIOL	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
13	PALMITIC-ACID	Fruit				--
0	GANODERIC-ACID-H	Pileus				--
0	24-METHYL-LATHOSTEROL	Fruit				--
0	GANODERAL-A	Fruit				--
0	GANOLUCIDIC-ACID-C	Plant				--
0	GANODERIOR-G	Fruit				--
0	LUCIDENIC-ACID-C	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GANODERIC-ACID-V-1	Fruit				--
0	GANODERIOL-A	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIC-ACID-C-2	Fruit				--
0	ERGOSTA-4-6-8(14)-22-TETRAEN-3-ONE	Fruit				--
0	24-METHYL-CHOLESTA-7-22-DIEN-3-BETA-OL	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIC-ACID-M-D	Mycelium				--
0	LANOSTA-7-9(11)-24-TRIEN-15-ALPHA-ACETOXY-3-ALPHA-HYDROXY-26-OIC-ACID	Mycelium				--
0	GANODERMANOTRIOL	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
13	PALMITIC-ACID	Tissue Culture				--
0	LANOSTA-7-9(11)-24-TRIEN-3-BETA-ACETOXY-15-ALPHA-HYDROXY-26-OIC-ACID	Mycelium				--
0	ERGOSTEROL-PALMITATE	Fruit				--
0	GANODERIOL-F	Fruit				--
0	LUCIDENIC-ACID-B	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIC-ACID-V	Mycelium				--
0	GANODERIC-ACIDS-A-Z	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	CYCLOOCTASULFUR	Tissue Culture				--
0	XANTHOSINE-5'-MONOPHOSPHATE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GANODERIC-ACID-M-C	Mycelium				--
0	GANODERIC-ACID	Fruit				--
0	LANOSTA-7-9(11)-24-TRIEN-15-ALPHA-22-BETA-DIACETOXY-3-BETA-HYDROXY-26-OIC-ACID	Mycelium				--
0	GANODERMANONOL	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
18	OLEIC-ACID	Tissue Culture				--
0	LANOSTA-7-9(11)-24-TRIEN-3-BETA-15-ALPHA-DIACETOXY-26-OIC-ACID	Mycelium				--
0	TREHALOSE	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIOL-E	Fruit				--
0	GANODERMANODIOL	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	LUCIDENIC-ACID-A	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIC-ACID-U	Mycelium				--
0	GANODERAN-B	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	CHRYSOPHANIC-ACID-GLUCOSIDE	Fruit				--
0	XANTHOSINE-5'-MONOPHOSPHATE	Mycelium				--
0	GANODERIC-ACID-M-B	Mycelium				--
3	N-HENTRIACONTANE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	LANOSTA-7-9(11)-24-TRIEN-3-BETA-15-ALPHA-22-BETA-TRIACETOXY-26-OIC-ACID	Mycelium				--
0	ERGOSTA-7-9-22-TRIENE-3-BETA-5-ALPHA-6-ALPHA-TRIOL	Fruit				--
0	TETRACOSANOIC-ACID	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIOL-D	Fruit				--
0	GANODERIOL-I	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	NONADECANOIC-ACID	Fruit				--
0	LACCASE	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERAN-A	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
6	CHRYSOPHANIC-ACID	Fruit				--
0	N-TETRACOSANE	Fruit				--
0	GANODERIC-ACID-M-A	Mycelium				--
0	GUANOSINE-5'-MONOPHOSPHATE	Fruit				--
0	LANOSTA-7-9(11)-24-TRIEN-3-ALPHA-HYDROXY-26-OIC-ACID	Mycelium				--
0	ERGOSTA-7-22-DIENE-3-BETA-5-ALPHA-6-BETA-TRIOL	Fruit				--
0	TETRACOSANE	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIOL-C	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GANODERDIOL-H	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	HENTRIACONTANE	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERMA-PROTEIN-LING-ZHI-8	Mycelium				--
0	GANODERIC-ACID-T	Pileus				--
20	CHOLINE	Fruit				--
8	STEARIC-ACID	Tissue Culture				--
0	GUANOSINE-5'-MONOPHOSPHATE	Mycelium				--
0	LANOSTA-7-9(11)-24-TRIEN-3-ALPHA-ACETOXY-26-OIC-ACID	Mycelium				--
0	ERGOSTA-7-22-DIENE-2-BETA-3-ALPHA-9-ALPHA-TRIOL	Fruit				--
8	STEARIC-ACID	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERDIOL-G	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	LUCIDONE-B	Plant				--
0	GANOLUCIDIC-ACID-E	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERMA-POLYSACCHARIDE-BN-3-A-C	Fruit				--
0	GANODERIC-ACID-S-1	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ENDOPOLYGALACTURONASE	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	LUCIDENIC-ACID-E	Gills				--
0	24-ETHYL-CHOLESTAN-3-BETA-OL	Fruit				--
8	STEARIC-ACID	Fruit				--
27	LINOLEIC-ACID	Tissue Culture				--
0	GANODERMA-LUCIDUM-ANTIBIOTIC	Fruit				--
0	LANOSTA-7-9(11)-24-TRIEN-3-ALPHA-ACETOXY-15-ALPHA-HYDROXY-26-OIC-ACID	Mycelium				--
0	3-BETA-5-ALPHA-6-ALPHA-TRIOL-ERGOSTA-7-22-DIENE	Fruit				--
13	PALMITIC-ACID	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERMIC-ACID-S	Mycelium				--
0	GANODERIOR-F	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	LUCIDONE-A	Plant				--
0	GANOLUCIDIC-ACID-B	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIC-ACID-S	Pileus				--
0	CELLULASE	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	LUCIDENIC-ACID-E	Plant				--
0	GANODERIC-ACID-B	Pileus				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	24-METHYL-CHOLESTA-7-22-DIEN-3-BETA-OL	Fruit				--
47	BETA-SITOSTEROL	Fruit				--
0	LINGZHI-POLYSACCHARIDE-D-6	Plant				--
0	GANOSPORELACTONE-B	Mycelium				--
0	GANODERMA-LUCIDUM-ANTIBIOTIC	Mycelium				--
0	LANOSTA-7-9(11)-24-TRIEN-3-ALPHA-22-BETA-DIACETOXY-15-ALPHA-HYDROXY-26-OIC-ACID	Mycelium				--
0	ERGOSTA-7-22-DIEN-3-BETA-OL-LINOLEATE	Fruit				--
0	NONADECANOIC-ACID	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERMIC-ACID-R	Mycelium				--
0	GANODERIC-ACID-Z	Mycelium				--
0	GANODERIOLE-E	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANOLUCIDIC-ACID-A	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
14	BETAINE	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	5-ALPHA-8-ALPHA-EPIDIOXY-24-EPSILON-METHYL-CHOLESTA-6-22-DIEN-3-BETA-OL	Fruit				--
0	PROTEOGLYCAN-G009	Tissue Culture				--
0	GANODERIC-ACID-J	Plant				--
0	LING-ZHI-8	Fruit				--
0	GANOSPORELACTONE-A	Mycelium				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ERGOSTA-7-22-DIEN-3-BETA-OL	Fruit				--
18	MANNITOL	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIC-ACID-Y	Mycelium				--
0	GANODERIOL-D	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	LANOSTA-7-9(11)-24-TRIEN-3-ALPHA-15-ALPHA-DIHYDROXY-26-OIC-ACID	Mycelium				--
0	GANODEROL-B	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIC-ACID-R	Pileus				--
47	BETA-SITOSTEROL	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
14	BETAINE	Fruit				--
0	PORTENSTEROL	Fruit				--
0	LING-ZHI-8	Mycelium				--
0	GANODERIOL-I	Fruit				--
0	5-ALPHA-8-ALPHA-EPIDIOXY-ERGOSTA-6-9(11)-22-TRIEN-3-BETA-OL	Fruit				--
0	LUCIDENIC-ACID-G	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERMATRIOL-TRIACETATE	Fruit				--
0	GANODERIC-ACID-X	Mycelium				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GANODEROL-C	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	LANOSTA-7-9(11)-24-TRIEN-3-ALPHA-15-ALPHA-DIACETOXY-26-OIC-ACID	Mycelium				--
1	BEHENIC-ACID	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	GANODERIC-ACID-M-F	Mycelium				--
0	LUCIDENIC-ACID-D	Gills				--
1	BEHENIC-ACID	Fruit				--
0	LANOSTA-7-9(11)-24-TRIEN-3-ALPHA-15-ALPHA-22-BETA-TRIACETOXY-26-OIC-ACID	Mycelium				--
0	GANODEROL-A	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	POLYSACCHARIDE	Plant				--
1	LIGNOCERIC-ACID	Fruit				--
0	GANODERAN-A	Fruit				--
0	GANOLUCIDIC-ACID-E	Fruit				--
0	GANODEROL-H	Fruit				--
0	1-EPI-5'-DEOXY-5'-METHYL-SULFINYLADENOSINE	Fruit		0.14		--
0	5'-DEOXY-5'-METHYL-SULFINYLADENOSINE	Fruit		0.19		--
0	LUCIDENIC-ACID-M	Fruit		0.2		--
0	GANODERIC-ACID-M	Fruit		0.3		--
0	GANODERIC-ACID-K	Fruit		0.3		--
0	LUCIDENIC-ACID-K	Fruit		0.3		--
0	GANODERENIC-ACID-E	Fruit		0.4		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	LUCIDENIC-ACID-L	Fruit		0.4		--
0	GANODERIC-ACID-O	Fruit		0.6		--
0	GANODERIC-ACID-MJ	Mycelium		0.7		--
0	LUCIDENIC-ACID-J	Fruit		0.8		--
0	GANODERMA-LUCIDUM-TRITERPENE-6-A	Gills		0.8		--
0	GANODERIC-ACID-K	Gills		0.9		--
0	GANODERMATRIOL	Fruit	0.9	1.2		--
0	LUCIDENIC-ACID-F	Gills		1.2		--
0	GANODERMA-LUCIDUM-TRITERPENE-18-A	Gills		1.2		--
28	ADENOSINE	Fruit		1.5		--
0	GANODERAN-C	Fruit		1.5		--
0	GANODERMA-LUCIDUM-COMPOUND-C-6	Gills		1.6		--
0	GANODERMA-LUCIDUM-TRITERPENE-17-A	Gills		1.6		--
0	GANODERIC-ACID-P	Mycelium		1.7		--
0	GANODERIC-ACID-H	Fruit		1.9		--
0	GANODERIOL-B	Fruit		1.9		--
0	LUCIDENIC-ACID-I	Fruit		2.1		--
0	GANODERAN-B	Fruit		2.5		--
0	LUCIDENIC-ACID-C	Gills		2.7		--
0	GANODERIC-ACID-MI	Mycelium		3.0		--
0	GANODERMANONDIOL	Fruit		3.1		--
0	GANODERIC-ACID-I	Gills		3.1		--
0	7-EPI-GANODERIC-ACID	Fruit		3.4		--
0	LUCIDENIC-ACID-A	Gills		3.5		--
0	GANODERIC-ACID-N	Fruit		3.8		--
0	GANOLUCIDIC-ACID-A	Gills		3.9		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	GANOLUCIDENIC-ACID-A	Gills		3.9		--
0	GANODERMA-LUCIDUM-TRITERPENE-5-A	Gills		3.9		--
0	GANODERIC-ACID-Q	Mycelium		4.0		--
0	GANODERMANOTRIOL	Fruit		4.0		--
0	GANODERMENONOL	Fruit		4.0		--
0	GANODERMADIOL	Fruit		4.1		--
0	GERMANIUM	Fruit		4.9		--
0	ERGOSTA-4-7-22-TRIENE-3-6-DIONE	Mycelium		5.2		--
0	7-O-METHYL-GANODERIC-ACID-O	Mycelium		5.2		--
0	GANODOSTERONE	Mycelium		5.2		--
0	GANODERMANONTRIOL	Fruit		5.6		--
0	LUCIDENIC-ACID-H	Fruit		5.7		--
0	GANOLUCIDIC-ACID-B	Gills		5.9		--
0	GANOLUCIDENIC-ACID-B	Gills		5.9		--
0	GANODERIC-ACID-MH	Mycelium		6.3		--
0	LUCIDENIC-ACID-E-2	Fruit		8.6		--
0	GANODERIOL-A	Fruit		11.2		--
0	GANODERIC-ACID-D	Gills		12.1		--
0	LUCIDENIC-ACID-E-2	Gills		12.5		--
0	LUCIDENIC-ACID-D-2	Gills		12.5		--
0	GANODERIC-ACID-G	Gills		14.1		--
0	GANOSPOREIC-ACID	Fruit		15.0		--
0	GANODERIC-ACID-E	Gills		18.8		--
0	LUCIDENIC-ACID-B	Fruit		21.7		--
0	GANODERIC-ACID-F	Gills		21.9		--
0	GANODERENIC-ACID-C	Fruit		25.0		--
0	GANODERIC-ACID-MG	Mycelium		29.3		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	LUCIDENIC-ACID-D	Fruit		30.0		--
0	GANODERIC-ACID-H	Gills	46.9	47.7		--
0	GANODERIC-ACID-B	Gills		48.8		--
0	GANODERENIC-ACID-B	Fruit		50.0		--
0	LUCIDENIC-ACID-C	Fruit		53.0		--
0	GANODERIC-ACID-C-2	Gills		61.7		--
0	GANODERIC-ACID-C-1	Gills		65.2		--
0	GANODERIC-ACID-O	Mycelium		71.7		--
0	GANODERENIC-ACID-D	Fruit		75.0		--
0	GANODERIC-ACID-G	Fruit		80.0		--
0	GANODERIC-ACID-MK	Mycelium		81.3		--
0	GANODERIC-ACID-B-METHYL-ESTER	Fruit		86.5		--
0	GANODERIC-ACID-R	Mycelium	4.2	92.1		--
0	GANODERMA-ACIDIC-POLYSACCHARIDE-GL-A	Fruit		130.0		--
0	GANODERIC-ACID-B	Fruit	5.2	132.7		--
0	GANODERENIC-ACID-A	Fruit		145.0		--
0	GANODERIC-ACID-E	Fruit	27.5	161.6		--
0	GANODERIC-ACID-S	Mycelium	6.3	161.6		--
0	GANODERIC-ACID-F	Fruit	60.1	165.0		--
0	GANODERIC-ACID-A	Gills		170.3		--
18	MANNITOL	Fruit		173.7	-0.9999999999999999	--
0	LUCIDENIC-ACID-A	Fruit	193.3	194.3		--
0	GANODERIC-ACID-D	Fruit	15.3	265.0		--
0	GANODERMA-LUCIDUM-ANTIBIOTIC-GL-1	Fruit		500.0		--
0	GANODERIC-ACID-T	Mycelium	33.0	526.3		--
0	GANODERMA-LUCIDUM-HETEROGLYCAN	Fruit		551.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	GANODERIC-ACID-A-METHYL-ESTER	Fruit		578.9		--
0	GANODERMA-LUCIDUM-ANTIBIOTIC-GL-2	Fruit		700.0		--
0	GANODERIC-ACID-C	Fruit	11.0	750.0		--
5	ERGOSTEROL	Fruit		1168.4		--
0	GANODERMA-LUCIDUM-ANTIBIOTIC-GL-3	Fruit		1900.0		--
0	GANODERIC-ACID-A	Fruit	389.5	2630.0		--
5	ERGOSTEROL	Plant	3000.0	4000.0		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.