

Dr. Duke's Phytochemical and Ethnobotanical Database**List of Plant for 5-Lipoxygenase-Inhibitor**

Plants	Chemical	Total PPM
Abelmoschus esculentus	1	
Abelmoschus moschatus	2	
Abutilon theophrasti	3	
Acacia catechu	3	
Acacia farnesiana	1	
Acacia nilotica	1	
Acacia senegal	2	
Acalypha indica	1	
Achillea millefolium	1	
Acinos suaveolens	2	
Actinidia chinensis	1	
Aesculus hippocastanum	5	
Aframomum melegueta	2	
Agathosma betulina	1	
Ageratum conyzoides	2	
Agrimonia eupatoria	2	
Ailanthus altissima	2	
Albizia lebbek	2	

Plants	Chemical	Total PPM
Allium ampeloprasum	1	
Allium cepa	9	96200
Allium sativum var. sativum	2	400
Allium schoenoprasum	2	128
Alpinia officinarum	2	
Althaea officinalis	3	
Ammi majus	1	
Ammi visnaga	2	
Anastatica hierochuntica	1	
Anemone pulsatilla	2	
Anethum graveolens	4	
Angelica archangelica	1	
Anogeissus latifolia	1	
Apium graveolens	3	
Arachis hypogaea	2	
Araucaria bidwillii	1	
Arctostaphylos uva-ursi	2	
Ardisia japonica	1	
Argemone mexicana	2	
Armoracia rusticana	3	

Plants	Chemical	Total PPM
Artemisia annua	2	
Artemisia capillaris	1	
Artemisia dracunculus	3	
Artemisia vulgaris	1	
Artocarpus altilis	1	
Asimina triloba	1	
Aspalathus linearis	1	
Asparagus officinalis	2	
Astragalus membranaceus	2	
Atractylodes lancea	1	
Atropa bella-donna	1	
Avena sativa	1	620
Azadirachta indica	2	6000
Barosma betulina	1	
Basella alba	1	
Berberis vulgaris	3	
Beta vulgaris	2	
Bidens pilosa	1	
Bocconia arborea	1	
Bocconia frutescens	2	

Plants	Chemical	Total PPM
Borago officinalis	2	
Boswellia sacra	4	
Boswellia serrata	6	
Brassica oleracea	2	200
Brassica oleracea var. botrytis l.	2	72
Brassica oleracea var. capitata l.	2	800
Brassica oleracea var. gemmifera	1	50
Brassica oleracea var. italica	2	
Brassica oleracea var. sabellica l.	2	126
Brunfelsia uniflorus	1	
Caesalpinia pulcherrima	1	
Calendula officinalis	2	
Camellia sinensis	3	20000
Camptotheca acuminata	1	
Capparis spinosa	1	
Capsicum annum	1	8000
Capsicum frutescens	3	35926
Carum carvi	2	
Castanea sativa	2	
Catharanthus roseus	2	

Plants	Chemical	Total PPM
Cedrus deodora	1	
Ceiba pentandra	2	
Centaurea calcitrapa	1	
Centaurea cyanus	2	
Centella asiatica	2	
Ceratonia siliqua	2	
Chelidonium majus	2	
Chimaphila umbellata	1	
Chrysanthemum parthenium	1	
Cichorium endivia	1	
Cichorium intybus	4	
Cinchona pubescens	1	
Cinchona spp	1	
Cinnamomum aromaticum	1	
Cinnamomum camphora	2	
Cinnamomum sieboldii	1	
Cinnamomum verum	1	
Citrus limon	2	
Citrus paradisi	5	
Citrus reticulata	1	

Plants	Chemical	Total PPM
Citrus sinensis	2	
Citrus spp	1	
Cola acuminata	1	
Commiphora wightii	1	
Consolida ajacis	2	
Coriandrum sativum	1	
Coriaria myrtifolia	1	
Coriaria thymifolia	1	
Cornus florida	2	
Cornus mas	2	
Corydalis spp	1	
Corylus avellana	2	
Costus speciosus	1	
Crataegus cuneata	1	
Crataegus laevigata	2	
Crataegus monogyna	3	
Crataegus rhipidophylla	2	
Crocus sativus	2	
Croton lechleri	1	
Cucurbita pepo	2	

Plants	Chemical	Total PPM
Curcuma longa	2	94888
Curcuma xanthorrhiza	1	20000
Curcuma zedoaria	1	2000
Cuscuta reflexa	1	
Cyamopsis tetragonoloba	2	
Cymbopogon citratus	1	
Cynara cardunculus	1	
Cytisus scoparius	2	
Datura stramonium	1	
Daucus carota	3	
Diospyros virginiana	2	
Dodonaea viscosa	2	
Drimys winteri	2	
Echinacea angustifolia	2	
Echinacea purpurea	1	
Echinacea spp	2	
Elaeagnus angustifolia	2	
Ephedra sinica	2	
Equisetum arvense	2	
Eriobotrya japonica	2	

Plants	Chemical	Total PPM
Erythroxylum coca	1	
Eschscholzia californica	2	
Eucalyptus globulus	1	
Eucalyptus wandoo	1	
Eucommia ulmoides	1	
Eupatorium perfoliatum	2	
Euphorbia hirta	2	
Euphorbia lathyris	2	
Euphrasia officinalis	2	
Fagopyrum esculentum	2	
Fallopia japonica	1	
Ficus carica	2	
Filipendula ulmaria	2	
Foeniculum vulgare	2	
Forsythia suspensa	1	
Fragaria spp	2	
Frangula alnus	1	
Fraxinus ornus	1	
Fraxinus rhynchophylla	1	
Galega officinalis	2	

Plants	Chemical	Total PPM
Geranium thunbergii	2	
Ginkgo biloba	3	
Glaucium flavum	2	
Gleditsia triacanthos	1	
Glycine max	3	
Glycyrrhiza glabra	2	
Glycyrrhiza uralensis	1	
Gossypium sp	2	
Guazuma tomentosa	2	
Haematoxylum campechianum	1	
Hamamelis virginiana	2	
Harpagophytum procumbens	2	
Helianthemum glomeratum	1	
Helianthus annuus	1	1220
Hibiscus rosa-sinensis	1	
Hippophae rhamnoides	2	
Holarrhena pubescens	2	
Hordeum vulgare	2	
Houttuynia cordata	1	
Humulus lupulus	3	

Plants	Chemical	Total PPM
Hura crepitans	1	
Hydrangea arborescens	2	
Hyoscyamus niger	1	
Hypericum perforatum	3	
Hyptis dilatata	1	
Inula helenium	1	
Ipomoea batatas	1	
Isatis tinctoria	2	
Isodon grandifolius	1	
Juglans nigra	1	
Juglans regia	2	
Juniperus communis	2	
Kalanchoe pinnata	2	
Kalanchoe spathulata	2	
Lactuca sativa	2	
Laurus nobilis	4	
Lawsonia inermis	2	
Ledum palustre	1	
Leonurus cardiaca	1	
Lepechinia hastata	1	

Plants	Chemical	Total PPM
Lepechinia urbanii	1	
Ligustrum japonicum	2	
Ligustrum lucidum	1	
Linum usitatissimum	1	
Lippia dulcis	1	
Ludwigia adscendens	1	
Ludwigia perennis	1	
Lycium chinense	2	
Lycopersicon esculentum	2	
Macleaya cordata	1	
Maclura pomifera	3	
Magnolia denudata	2	
Magnolia kobus	2	
Magnolia officinalis	2	
Malus domestica	3	526
Mangifera indica	2	
Maranta arundinacea	1	
Marrubium vulgare	1	
Matricaria recutita	2	
Medicago sativa	4	

Plants	Chemical	Total PPM
Melaleuca leucadendra	1	
Melia azedarach	3	
Melilotus officinalis	2	
Menyanthes trifoliata	2	
Mitragyna speciosa	1	
Moringa oleifera	2	
Morus alba	3	
Musa x paradisiaca	2	
Myristica fragrans	3	
Nelumbo nucifera	2	
Nerium oleander	1	
Nicotiana tabacum	4	
Ocimum basilicum	4	
Oenothera biennis	2	414000
Olea europaea	4	
Ononis spinosa	2	
Opuntia ficus-indica	1	
Origanum vulgare	2	
Paeonia lactiflora	2	
Paeonia moutan	2	

Plants	Chemical	Total PPM
Paeonia officinalis	1	
Paeonia suffruticosa	2	
Panax ginseng	1	
Panax notoginseng	1	
Panax quinquefolius	1	
Papaver somniferum	2	
Passiflora incarnata	2	
Pastinaca sativa	2	
Perilla frutescens	1	
Persea americana	1	
Petasites hybridus	1	
Petasites japonicus	1	
Petroselinum crispum	2	
Phaseolus vulgaris	1	
Phoenix dactylifera	1	
Phyllanthus emblica	2	
Phyllanthus niruri	1	
Physalis peruviana	1	
Pimpinella anisum	1	
Pinus mugo	2	

Plants	Chemical	Total PPM
Pinus sylvestris	2	
Piper nigrum	2	
Pistacia lentiscus	2	
Pisum sativum	1	1000
Plantago major	1	
Plumeria acutifolia	2	
Podocarpus koordersii	1	
Podophyllum hexandrum	2	
Podophyllum peltatum	2	100000
Podophyllum pleianthum	2	
Polygonum aviculare	1	
Polygonum hydropiper	2	
Polygonum hydropiperoides	2	
Polygonum multiflorum	1	
Populus tacamahacca	2	
Prosopis juliflora	1	
Prunella vulgaris	4	
Prunus armeniaca	2	
Prunus cerasus	2	
Prunus domestica	2	

Plants	Chemical	Total PPM
Prunus dulcis	2	
Prunus laurocerasus	2	
Prunus persica	2	
Prunus serotina	2	
Prunus spinosa	2	
Psidium cattleianum	2	
Psidium guajava	1	
Pteridium aquilinum	1	
Pterocarpus marsupium	1	
Pueraria montana	2	
Punica granatum	2	
Pyrus communis	1	56
Quercus alba	1	
Quercus infectoria	1	
Quercus robur	1	
Quercus velutina	1	
Rheum officinale	1	
Rheum rhabarbarum	1	
Rhododendron dauricum	2	
Rhododendron ponticum	1	

Plants	Chemical	Total PPM
Rhus coriaria	1	
Rhus glabra	1	
Rhus toxicodendron	3	
Ribes nigrum	2	
Ricinus communis	2	
Robinia pseudoacacia	2	
Rosa damascena	2	
Rosa spp	1	
Rosmarinus officinalis	1	55803
Rubus idaeus	3	
Rumex acetosa	1	
Rumex crispus	2	
Ruta graveolens	1	
Salix alba	1	
Salvia africana-lutea	1	
Salvia canariensis	1	
Salvia chinopeplica	1	
Salvia columbariae	1	
Salvia mellifera	1	
Salvia munzii	1	

Plants	Chemical	Total PPM
Salvia officinalis	1	
Sambucus canadensis	1	
Sambucus nigra	2	
Sanguinaria canadensis	2	120000
Sanguisorba minor	2	
Sanguisorba officinalis	2	
Schinus molle	3	
Schinus terebinthifolius	2	
Scopolia carniolica	2	
Scutellaria baicalensis	1	
Scutellaria galericulata	1	
Scutellaria sp	1	
Senna occidentalis	1	
Serenoa repens	1	
Silybum marianum	2	
Solanum tuberosum	2	
Solidago gigantea	2	
Solidago virgaurea	1	
Sophora japonica	2	
Sorbus aucubaria	1	

Plants	Chemical	Total PPM
Spartium junceum	1	
Spinacia oleracea	2	38
Syzygium aromaticum	2	
Tabebuia impetiginosa	1	
Tagetes erecta	1	
Tagetes minuta	1	
Tagetes patula	2	
Tamarindus indica	1	
Tanacetum parthenium	1	
Tanacetum vulgare	2	
Taraxacum officinale	2	
Terminalia arjuna	1	
Terminalia catappa	3	
Terminalia chebula	1	
Terminalia ivorensis	1	
Teucrium botrys	1	
Teucrium montanum	1	
Teucrium polium	1	
Teucrium scordium	1	
Theobroma cacao	4	

Plants	Chemical	Total PPM
Thespesia populnea	2	
Thevetia peruviana	2	
Thymus vulgaris	1	
Tilia sp.	1	
Tribulus terrestris	2	
Tridax procumbens	1	
Trifolium pratense	2	
Trigonella foenum-graecum	2	
Triticum aestivum	1	
Tsuga canadensis	1	
Tussilago farfara	1	
Uncaria catechu	1	
Uncaria guianensis	1	
Uncaria tomentosa	1	
Urginea maritima	1	
Urtica dioica	3	
Vaccinium corymbosum	3	
Vaccinium macrocarpon	2	500
Vaccinium myrtillus	2	
Vaccinium vitis-idaea	3	

Plants	Chemical	Total PPM
Valeriana officinalis	2	
Vanilla planifolia	1	
Viburnum opulus	4	
Viburnum prunifolium	2	
Vicia faba	1	
Vigna radiata	2	
Viola odorata	2	
Viola tricolor	1	
Vitex agnus-castus	1	
Vitis vinifera	4	180800
Withania somnifera	1	
Zanthoxylum americanum	1	
Zanthoxylum clava-herculis	1	
Zea mays	1	
Zingiber officinale	6	