

Dr. Duke's Phytochemical and Ethnobotanical Databases**List of Plants for Topoisomerase-I-Inhibitor**

Plants with Activity Synergy	Chemical Count	Total PPM
Abelmoschus esculentus	1	
Abelmoschus moschatus	2	
Abrus precatorius	1	
Abutilon theophrasti	3	
Acacia catechu	4	
Acacia decurrens	1	
Acacia farnesiana	3	
Acacia leucophloea	1	
Acacia nilotica	2	
Acacia senegal	2	
Acacia tortilis	1	
Acalypha indica	1	
Achillea millefolium	4	
Acinos suaveolens	4	
Acorus calamus	1	
Actaea racemosa	2	
Actinidia chinensis	1	
Adenocarpus decorticans	1	
Adenocarpus foliolosus	1	
Aesculus hippocastanum	3	
Agastache foeniculum	1	
Agastache nepetoides	1	
Agastache rugosa	1	
Agathosma betulina	1	
Ageratum conyzoides	2	
Agrimonia eupatoria	5	
Ailanthus altissima	3	

Plants with Activity Synergy	Chemical Count	Total PPM
Albizia lebbbeck	2	
Albizia procera	1	
Alisma plantago-aquatica	1	
Allium cepa	2	192400.0
Allium sativum var. sativum	4	800.0
Allium schoenoprasum	2	146.0
Aloysia citrodora	2	
Alpinia galanga	2	
Alpinia officinarum	4	2000.0
Althaea officinalis	2	
Ammi majus	2	
Ammi visnaga	4	
Amphicarpaea bracteata	1	
Amphicarpaea edgworthii	1	
Anacardium occidentale	2	
Anastatica hierochuntica	1	
Anemone pulsatilla	2	
Anethum graveolens	3	
Anisochilus carnosus	2	
Annona cherimola	1	
Anogeissus latifolia	4	
Apios americana	1	
Apium graveolens	4	
Arachis hypogaea	1	
Araucaria bidwillii	3	
Arbutus unedo	2	
Arctostaphylos uva-ursi	3	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Ardisia japonica</i>	1	
<i>Areca catechu</i>	1	
<i>Argemone mexicana</i>	1	
<i>Argyrocytisus battandieri</i>	1	
<i>Armoracia rusticana</i>	2	
<i>Arnica montana</i>	2	
<i>Artemisia annua</i>	4	
<i>Artemisia dracuncululus</i>	5	141.0
<i>Artocarpus altilis</i>	1	
<i>Artocarpus heterophyllus</i>	1	
<i>Asimina triloba</i>	1	
<i>Aspalathus linearis</i>	3	
<i>Asparagus officinalis</i>	2	
<i>Astragalus membranaceus</i>	3	
<i>Avena sativa</i>	1	1240.0
<i>Azadirachta indica</i>	3	10000.0
<i>Ballota nigra</i>	2	
<i>Baptisia sp</i>	1	
<i>Baptisia tinctoria</i>	3	
<i>Barosma betulina</i>	1	
<i>Basella alba</i>	1	
<i>Berberis vulgaris</i>	2	
<i>Beta vulgaris</i>	2	
<i>Bocconia arborea</i>	1	
<i>Bocconia frutescens</i>	1	
<i>Borago officinalis</i>	2	
<i>Bowdichia nitida</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Brassica oleracea	2	240.0
Brassica oleracea var. botrytis l.	2	84.0
Brassica oleracea var. capitata l.	2	1000.0
Brassica oleracea var. gemmifera	1	100.0
Brassica oleracea var. italica	2	
Brassica oleracea var. sabellica l.	2	226.0
Caesalpinia pulcherrima	3	
Cajanus cajan	1	
Cajanus scarabaeoides	1	
Calendula officinalis	2	
Calicotome spinosa	1	
Calicotome villosa	1	
Calopogonium caeruleum	1	
Camellia japonica	1	
Camellia sinensis	8	603600.0
Camptosema sp	1	
Camptotheca acuminata	4	3200.0
Canavalia ensiformis	1	
Canavalia eurycarpa	1	
Canavalia galeata	1	
Canavalia gladiata	1	
Canavalia rosea	1	
Canavalia sericea	1	
Canavalia virosa	1	
Capparis spinosa	1	
Capsicum annuum	2	
Capsicum frutescens	2	252.0

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Carum carvi</i>	2	
<i>Castanea sativa</i>	3	
<i>Castanospermum australe</i>	1	
<i>Catharanthus roseus</i>	2	
<i>Cedrus deodora</i>	1	
<i>Ceiba pentandra</i>	2	
<i>Centaurea calcitrapa</i>	3	
<i>Centaurea cyanus</i>	4	
<i>Centaureum erythraea</i>	1	
<i>Centella asiatica</i>	2	
<i>Centrosema pascuorum</i>	1	
<i>Centrosema plumieri</i>	1	
<i>Centrosema sagittatum</i>	1	
<i>Centrosema schiedianum</i>	1	
<i>Ceratonia siliqua</i>	3	
<i>Chamaecytisus albus</i>	1	
<i>Chamaecytisus eriocarpus</i>	1	
<i>Chamaecytisus hirsutus</i>	1	
<i>Chamaecytisus ratisbonensis</i>	1	
<i>Chamaecytisus smyrnaeus</i>	1	
<i>Chamaecytisus supinus</i>	1	
<i>Chamaemelum nobile</i>	2	
<i>Chamaespartium sagittale</i>	1	
<i>Chamaespartium tridentatum</i>	1	
<i>Chamaesyce hypericifolia</i>	1	
<i>Chelidonium majus</i>	1	
<i>Chimaphila umbellata</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Chronanthus biflorus	1	
Chrysanthemum x morifolium	2	
Cicer arietinum	4	
Cichorium endivia	1	
Cichorium intybus	5	
Cimicifuga racemosa	2	
Cinnamomum camphora	2	
Citrus aurantium	1	
Citrus limon	4	200.0
Citrus paradisi	4	116.0
Citrus sinensis	4	91873.20000000001
Clitoria falcata	1	
Clitoria ternatea	1	
Cnicus benedictus	1	
Coffea arabica	1	128000.0
Cola acuminata	2	100000.0
Colchicum autumnale	1	
Cologana broussonetii	1	
Commiphora wightii	1	
Consolida ajacis	2	
Conyza canadensis	2	
Coptis spp	1	
Coriandrum sativum	2	
Coriaria myrtifolia	2	
Coriaria thymifolia	2	
Cornus florida	3	
Cornus mas	3	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Cornus officinalis</i>	1	
<i>Corylus americana</i>	1	
<i>Corylus avellana</i>	3	
<i>Costus speciosus</i>	1	
<i>Crataegus cuneata</i>	1	
<i>Crataegus laevigata</i>	3	
<i>Crataegus monogyna</i>	4	
<i>Crataegus rhipidophylla</i>	3	
<i>Crocus sativus</i>	3	
<i>Crotalaria juncea</i>	1	
<i>Cucurbita pepo</i>	2	
<i>Cuminum cyminum</i>	1	
<i>Curcuma longa</i>	4	94888.0
<i>Curcuma xanthorrhiza</i>	1	20000.0
<i>Curcuma zedoaria</i>	1	2000.0
<i>Cuscuta reflexa</i>	2	
<i>Cyamopsis tetragonoloba</i>	3	
<i>Cymbopogon citratus</i>	2	
<i>Cynara cardunculus</i>	4	
<i>Cypripedium pubescens</i>	1	
<i>Cytisus ardoini</i>	1	
<i>Cytisus ingramii</i>	1	
<i>Cytisus multiflorus</i>	1	
<i>Cytisus scoparius</i>	3	
<i>Cytisus striatus</i>	1	
<i>Cytisus tribacteolatus</i>	1	
<i>Daphne genkwa</i>	2	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Daucus carota</i>	6	
<i>Desmodium gangeticum</i>	1	
<i>Dictamnus albus</i>	1	
<i>Digitalis lanata</i>	1	
<i>Digitalis purpurea</i>	3	
<i>Dioclea glycinoides</i>	1	
<i>Diospyros virginiana</i>	3	
<i>Dipogon lignosus</i>	1	
<i>Dodonaea viscosa</i>	2	
<i>Dolichos biflorus</i>	1	
<i>Drimys winteri</i>	2	
<i>Dunbaria villosa</i>	1	
<i>Echinacea angustifolia</i>	4	
<i>Echinacea purpurea</i>	1	
<i>Echinacea spp</i>	4	
<i>Echinopartium horridum</i>	1	
<i>Elaeagnus angustifolia</i>	3	
<i>Ephedra gerardiana</i>	1	
<i>Ephedra sinica</i>	3	
<i>Equisetum arvense</i>	6	
<i>Erinacea anthyllis</i>	1	
<i>Eriobotrya japonica</i>	2	
<i>Eriodictyon californicum</i>	3	
<i>Eriosema glomeratum</i>	1	
<i>Eriosema nutans</i>	1	
<i>Eriosema psoraleoides</i>	1	
<i>Erythrina crista-galli</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Erythrina sp	1	
Erythroxyllum coca	1	
Eschscholzia californica	1	
Eucalyptus globulus	6	
Eucommia ulmoides	1	
Eupatorium perfoliatum	3	
Euphorbia hirta	3	
Euphorbia lathyris	2	
Euphrasia officinalis	5	
Fagopyrum esculentum	1	
Ferula assa-foetida	1	
Ficus carica	2	
Filipendula ulmaria	2	
Firmiana simplex	1	
Flemingia strobilifera	1	
Foeniculum vulgare	2	
Forsythia suspensa	1	
Fragaria spp	4	242.0
Frangula alnus	1	
Galactia jussiaeana	1	
Galega officinalis	2	
Gaultheria procumbens	1	
Genipa americana	1	
Genista clavata	1	
Genista germanica	1	
Genista lydia	1	
Genista ovata	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Genista patula	1	
Genista rumelica	1	
Genista sp	1	
Genista tinctoria	2	
Gentiana lutea	1	3800.0
Geranium maculatum	1	
Geranium thunbergii	4	
Ginkgo biloba	6	
Glaucium flavum	1	
Glechoma hederacea	2	
Gleditsia triacanthos	1	
Glycine max	9	537561.8
Glycine wightii	1	
Glycyrrhiza glabra	7	1986.0
Glycyrrhiza uralensis	3	
Gossypium sp	2	
Guazuma tomentosa	2	
Guazuma ulmifolia	1	
Haematoxylum campechianum	2	
Hamamelis virginiana	4	108800.0
Hardenbergia violacea	1	
Harpagophytum procumbens	4	
Helianthemum glomeratum	1	
Helianthus annuus	1	2440.0
Hibiscus rosa-sinensis	1	
Hippophae rhamnoides	2	
Holarrhena pubescens	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Houttuynia cordata	1	
Humulus lupulus	3	
Hura crepitans	1	
Hydnocarpus wightiana	2	
Hydrangea arborescens	2	
Hypericum perforatum	5	
Ilex paraguariensis	1	80000.0
Inula helenium	1	
Ipomoea batatas	1	
Isatis tinctoria	2	
Jatropha gossypifolia	1	
Juglans nigra	3	
Juglans regia	3	
Juncus effusus	1	
Juniperus communis	3	
Juniperus sabina	1	
Kalanchoe pinnata	2	
Kalanchoe spathulata	2	
Kennedia coccinea	1	
Kennedia nigricans	1	
Kennedia procurrens	1	
Kennedia rubicunda	1	
Laburnum alpinum	1	
Laburnum anagyroides	1	
Lactuca sativa	3	
Lagerstroemia indica	1	
Laurus nobilis	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Lavandula angustifolia	1	
Lawsonia inermis	2	
Ledum palustre	1	
Lembotropis emerifolia	1	
Lens culinaris	2	
Leonurus cardiaca	1	
Lespedeza cyrtobotrya	1	
Ligustrum japonicum	2	
Ligustrum lucidum	1	
Linum usitatissimum	2	
Lippia dulcis	1	
Lippia graveolens	1	310.0
Lonicera japonica	1	
Ludwigia adscendens	1	
Ludwigia perennis	1	
Lupinus albus	1	
Lupinus luteus	1	
Lupinus perennis	1	
Lycium chinense	2	
Lycopersicon esculentum	3	
Lycopodium clavatum	2	
Lycopus virginicus	1	
Lygos monosperma	1	
Lygos raetum	1	
Maackia amurensis	1	
Maclura pomifera	5	
Macroptylum atropurpureum	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Macroptylum bracteatum	1	
Macroptylum lathyroides	1	
Macroptylum martii	1	
Macrotyloma axillare	1	
Macrotyloma uniflora	1	
Magnolia denudata	2	
Magnolia kobus	2	
Magnolia officinalis	2	
Malus domestica	6	1052.0
Mangifera indica	3	180000.0
Maranta arundinacea	1	
Marrubium vulgare	4	
Matricaria recutita	4	
Medicago sativa	8	
Melaleuca leucadendra	2	
Melia azedarach	2	
Melilotus officinalis	4	
Mentha aquatica	2	
Mentha arvensis var. piperascens	1	
Mentha spicata	2	
Mentha x piperita	1	
Mentha x rotundifolia	2	
Menyanthes trifoliata	2	
Moghania macrophylla	1	
Monarda didyma	1	
Morinda citrifolia	1	
Moringa oleifera	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Morus alba	3	8800.0
Mucuna deeringiana	1	
Mucuna pruriens	2	
Musa x paradisiaca	2	
Myrica cerifera	2	
Myristica fragrans	2	
Myrtus communis	2	
Nelumbo nucifera	3	
Neonotonia wightii	1	
Nerium oleander	1	
Nicotiana tabacum	2	
Ocimum basilicum	4	
Ocimum tenuiflorum	2	
Oenanthe aquatica	1	
Oenothera biennis	3	828000.0
Olea europaea	5	
Ononis spinosa	8	
Opuntia ficus-indica	2	
Origanum vulgare	7	
Paeonia lactiflora	3	
Paeonia moutan	2	
Paeonia officinalis	1	
Paeonia suffruticosa	2	
Panax ginseng	3	
Panax notoginseng	1	
Panax quinquefolius	1	
Passiflora edulis	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Passiflora incarnata	4	
Pastinaca sativa	2	
Paullinia cupana	1	304000.0
Paullinia yoko	1	109200.0
Peganum harmala	1	
Pericopsis laxiflora	1	
Perilla frutescens	3	
Persea americana	1	
Petasites hybridus	1	
Petasites japonicus	1	
Petroselinum crispum	4	
Phaseolus coccineus	2	
Phaseolus lunatus	2	
Phaseolus spp	1	
Phaseolus vulgaris	5	
Phoenix dactylifera	2	
Phyllanthus amarus	2	
Phyllanthus emblica	5	100000.0
Phyllanthus niruri	1	
Physalis alkekingi	1	
Physalis peruviana	1	
Pimpinella anisum	3	
Pinus mugo	2	
Pinus strobus	1	
Pinus sylvestris	1	
Piper nigrum	2	
Piptanthus nanus	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Piptanthus nepalensis	1	
Pistacia lentiscus	3	
Pisum sativum	3	1000.0
Plantago major	2	
Plantago ovata	1	
Plumeria acutifolia	2	
Podocarpus spicatus	1	
Podophyllum hexandrum	2	
Podophyllum peltatum	3	200000.0
Podophyllum pleianthum	2	
Pogostemon cablin	1	
Polygonum aviculare	2	
Polygonum hydropiper	3	
Polygonum hydropiperoides	3	
Polygonum multiflorum	1	
Populus nigra	2	
Populus tacamahacca	4	
Prosopis juliflora	2	
Prunella vulgaris	3	
Prunus aequinoctialis	1	
Prunus armeniaca	2	
Prunus avium	1	
Prunus cerasus	8	
Prunus domestica	3	
Prunus dulcis	2	
Prunus laurocerasus	2	
Prunus mahaleb	1	

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Prunus maximowiczii</i>	1	
<i>Prunus nipponica</i>	1	
<i>Prunus persica</i>	3	
<i>Prunus serotina</i>	3	
<i>Prunus spinosa</i>	2	
<i>Prunus spp</i>	1	
<i>Prunus verecunda</i>	1	
<i>Pseudemia comosa</i>	1	
<i>Pseudoeriosema borianii</i>	1	
<i>Pseudovigna argentea</i>	1	
<i>Psidium cattleianum</i>	2	
<i>Psidium guajava</i>	4	
<i>Psoralea corylifolia</i>	2	
<i>Pteridium aquilinum</i>	1	
<i>Pterocarpus angolensis</i>	1	
<i>Pterocarpus marsupium</i>	2	
<i>Pterocarpus santalinus</i>	1	
<i>Pueraria montana</i>	6	
<i>Pueraria phaseoloides</i>	1	
<i>Pueraria pseudohirsuta</i>	3	
<i>Punica granatum</i>	9	80000.0
<i>Pyrus communis</i>	1	112.0
<i>Quassia amara</i>	1	
<i>Quercus alba</i>	2	
<i>Quercus infectoria</i>	2	80000.0
<i>Quercus robur</i>	2	
<i>Quercus rubra</i>	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Quercus velutina	1	
Rheum officinale	1	
Rheum palmatum	1	
Rheum rhabarbarum	1	106.0
Rhododendron dauricum	3	
Rhododendron ponticum	1	
Rhus coriaria	3	
Rhus glabra	1	
Rhus toxicodendron	4	
Rhynchosia acuminatifolia	1	
Rhynchosia cabibaea	1	
Rhynchosia densiflora	1	
Rhynchosia hirsuta	1	
Rhynchosia minima	2	
Rhynchosia phaseoloides	1	
Rhynchosia pyramidalis	1	
Rhynchosia volubilis	1	
Ribes nigrum	3	
Ricinus communis	4	
Robinia pseudoacacia	3	
Rosa canina	1	
Rosa centifolia	1	
Rosa damascena	2	
Rosa gallica	1	
Rosa multiflora	1	
Rosa spp	1	
Rosmarinus officinalis	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Rubus idaeus	5	
Rubus phoenicolasius	2	
Rubus sp.	1	
Rumex acetosa	1	
Rumex crispus	1	
Ruta graveolens	1	
Salix alba	2	
Salix sp.	1	
Salvia officinalis	3	
Sambucus canadensis	1	
Sambucus nigra	2	
Sanguinaria canadensis	1	
Sanguisorba minor	3	
Sanguisorba officinalis	3	
Santolina chamaecyparissus	1	
Satureja montana	2	
Schinus molle	5	
Schinus terebinthifolius	3	
Scutellaria baicalensis	2	
Scutellaria galericulata	3	
Scutellaria lateriflora	2	
Senna occidentalis	1	
Serenoa repens	2	
Silybum marianum	5	
Solanum tuberosum	5	
Solidago gigantea	2	
Solidago virgaurea	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Sophora angustifolia	1	
Sophora flavescens	1	
Sophora japonica	4	
Sophora subprostrata	2	
Sorbus aucubaria	2	
Spartium junceum	3	
Spinacia oleracea	2	76.0
Stachys officinalis	1	
Stauracanthus boivinii	1	
Stauracanthus genistoides	1	
Stellaria media	3	
Stizolobium deeringianum	1	
Strongylodon macrobotrys	1	
Syzygium aromaticum	6	
Syzygium cumini	1	
Tabebuia impetiginosa	2	
Tagetes erecta	1	
Tagetes lucida	1	
Tagetes minuta	1	
Tagetes patula	2	
Tanacetum vulgare	2	
Taraxacum officinale	2	
Taxus baccata	1	
Teline sp	1	
Terminalia arjuna	2	
Terminalia bellirica	2	
Terminalia catappa	5	

Plants with Activity Synergy	Chemical Count	Total PPM
Terminalia chebula	5	17000.0
Terminalia ivorensis	1	
Terminalia pallida	1	
Teucrium botrys	1	
Teucrium montanum	1	
Teucrium polium	4	
Teucrium scordium	1	
Teyleria koordersii	1	
Theobroma angustifolium	1	
Theobroma bicolor	1	
Theobroma cacao	4	51600.0
Thermopsis fabacea	1	
Thermopsis sp	1	
Thespesia populnea	2	
Thevetia peruviana	2	
Thymus serpyllum	1	
Thymus vulgaris	5	
Tilia sp.	1	
Tragopogon porrifolius	1	
Tribulus terrestris	3	
Tridax procumbens	2	
Trifolium alexandrinum	1	
Trifolium brachycalycinum	1	
Trifolium hybridum	1	
Trifolium pratense	7	30000.0
Trifolium repens	1	
Trifolium sp	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Trifolium subterraneum	1	
Trigonella foenum-graecum	6	
Triticum aestivum	2	
Tsuga canadensis	1	
Turnera diffusa	1	
Tussilago farfara	2	
Ulex micranthus	1	
Ulex sp	1	
Uncaria catechu	2	
Uncaria guianensis	1	
Urginea maritima	2	
Urtica dioica	3	
Vaccinium corymbosum	3	
Vaccinium macrocarpon	2	1000.0
Vaccinium myrtillus	2	
Vaccinium vitis-idaea	3	
Valeriana officinalis	3	
Vandasina retusa	1	
Viburnum opulus	2	
Vicia faba	3	
Vigna angularis	2	
Vigna radiata	7	
Vigna subterranea	1	
Vigna unguiculata	2	
Viola odorata	2	
Viola tricolor	2	
Vitex agnus-castus	2	

Plants with Activity Synergy	Chemical Count	Total PPM
Vitis vinifera	5	
Withania somnifera	1	
Zanthoxylum americanum	2	
Zanthoxylum clava-herculis	2	
Zea mays	2	
Zingiber officinale	4	