

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

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

Plants with Activity Synergy	Chemical Count	Total PPM
<i>Albizia procera</i>	1	
<i>Albizia lebbek</i>	2	
<i>Alisma plantago-aquatica</i>	1	
<i>Allium schoenoprasum</i>	2	146.0
<i>Allium sativum</i> var. <i>sativum</i>	4	800.0
<i>Allium cepa</i>	2	192400.0
<i>Aloysia citrodora</i>	2	
<i>Alpinia officinarum</i>	4	2000.0
<i>Alpinia galanga</i>	2	
<i>Althaea officinalis</i>	2	
<i>Ammi visnaga</i>	4	
<i>Ammi majus</i>	2	
<i>Amphicarpaea edgworthii</i>	1	
<i>Amphicarpaea bracteata</i>	1	
<i>Anacardium occidentale</i>	2	
<i>Anastatica hierochuntica</i>	1	
<i>Anemone pulsatilla</i>	2	
<i>Anethum graveolens</i>	3	
<i>Anisochilus carnosus</i>	2	
<i>Annona cherimola</i>	1	
<i>Anogeissus latifolia</i>	4	
<i>Apios americana</i>	1	
<i>Apium graveolens</i>	4	
<i>Arachis hypogaea</i>	1	
<i>Araucaria bidwillii</i>	3	
<i>Arbutus unedo</i>	2	
<i>Arctostaphylos uva-ursi</i>	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 dracunculus</i>	5	141.0
<i>Artemisia annua</i>	4	
<i>Artocarpus heterophyllus</i>	1	
<i>Artocarpus altilis</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 tinctoria</i>	3	
<i>Baptisia sp</i>	1	
<i>Barosma betulina</i>	1	
<i>Basella alba</i>	1	
<i>Berberis vulgaris</i>	2	
<i>Beta vulgaris</i>	2	
<i>Bocconia frutescens</i>	1	
<i>Bocconia arborea</i>	1	
<i>Borago officinalis</i>	2	
<i>Bowdichia nitida</i>	1	

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

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 cyanus</i>	4	
<i>Centaurea calcitrapa</i>	3	
<i>Centaureum erythraea</i>	1	
<i>Centella asiatica</i>	2	
<i>Centrosema schiedianum</i>	1	
<i>Centrosema sagittatum</i>	1	
<i>Centrosema plumieri</i>	1	
<i>Centrosema pascuorum</i>	1	
<i>Ceratonia siliqua</i>	3	
<i>Chamaecytisus supinus</i>	1	
<i>Chamaecytisus smyrnaeus</i>	1	
<i>Chamaecytisus ratisbonensis</i>	1	
<i>Chamaecytisus hirsutus</i>	1	
<i>Chamaecytisus eriocarpus</i>	1	
<i>Chamaecytisus albus</i>	1	
<i>Chamaemelum nobile</i>	2	
<i>Chamaespartium tridentatum</i>	1	
<i>Chamaespartium sagittale</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 intybus	5	
Cichorium endivia	1	
Cimicifuga racemosa	2	
Cinnamomum camphora	2	
Citrus sinensis	4	91873.20000000001
Citrus paradisi	4	116.0
Citrus limon	4	200.0
Citrus aurantium	1	
Clitoria ternatea	1	
Clitoria falcata	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 thymifolia	2	
Coriaria myrtifolia	2	
Cornus officinalis	1	
Cornus mas	3	

Plants with Activity Synergy	Chemical Count	Total PPM
Cornus florida	3	
Corylus avellana	3	
Corylus americana	1	
Costus speciosus	1	
Crataegus rhipidophylla	3	
Crataegus monogyna	4	
Crataegus laevigata	3	
Crataegus cuneata	1	
Crocus sativus	3	
Crotalaria juncea	1	
Cucurbita pepo	2	
Cuminum cyminum	1	
Curcuma zedoaria	1	2000.0
Curcuma xanthorrhiza	1	20000.0
Curcuma longa	4	94888.0
Cuscuta reflexa	2	
Cyamopsis tetragonoloba	3	
Cymbopogon citratus	2	
Cynara cardunculus	4	
Cypripedium pubescens	1	
Cytisus tribacteolatus	1	
Cytisus striatus	1	
Cytisus scoparius	3	
Cytisus multiflorus	1	
Cytisus ingramii	1	
Cytisus ardoini	1	
Daphne genkwa	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 purpurea</i>	3	
<i>Digitalis lanata</i>	1	
<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 spp</i>	4	
<i>Echinacea purpurea</i>	1	
<i>Echinacea angustifolia</i>	4	
<i>Echinopartium horridum</i>	1	
<i>Elaeagnus angustifolia</i>	3	
<i>Ephedra sinica</i>	3	
<i>Ephedra gerardiana</i>	1	
<i>Equisetum arvense</i>	6	
<i>Erinacea anthyllis</i>	1	
<i>Eriobotrya japonica</i>	2	
<i>Eriodictyon californicum</i>	3	
<i>Eriosema psoraleoides</i>	1	
<i>Eriosema nutans</i>	1	
<i>Eriosema glomeratum</i>	1	
<i>Erythrina sp</i>	1	

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

Plants with Activity Synergy	Chemical Count	Total PPM
Genista ovata	1	
Genista lydia	1	
Genista germanica	1	
Genista clavata	1	
Gentiana lutea	1	3800.0
Geranium thunbergii	4	
Geranium maculatum	1	
Ginkgo biloba	6	
Glaucium flavum	1	
Glechoma hederacea	2	
Gleditsia triacanthos	1	
Glycine wightii	1	
Glycine max	9	537561.8
Glycyrrhiza uralensis	3	
Glycyrrhiza glabra	7	1986.0
Gossypium sp	2	
Guazuma ulmifolia	1	
Guazuma tomentosa	2	
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 regia	3	
Juglans nigra	3	
Juncus effusus	1	
Juniperus sabina	1	
Juniperus communis	3	
Kalanchoe spathulata	2	
Kalanchoe pinnata	2	
Kennedia rubicunda	1	
Kennedia procurrens	1	
Kennedia nigricans	1	
Kennedia coccinea	1	
Laburnum anagyroides	1	
Laburnum alpinum	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 lucidum	1	
Ligustrum japonicum	2	
Linum usitatissimum	2	
Lippia graveolens	1	310.0
Lippia dulcis	1	
Lonicera japonica	1	
Ludwigia perennis	1	
Ludwigia adscendens	1	
Lupinus perennis	1	
Lupinus luteus	1	
Lupinus albus	1	
Lycium chinense	2	
Lycopersicon esculentum	3	
Lycopodium clavatum	2	
Lycopus virginicus	1	
Lygos raetum	1	
Lygos monosperma	1	
Maackia amurensis	1	
Maclura pomifera	5	
Macroptylum martii	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Macroptylum lathyroides	1	
Macroptylum bracteatum	1	
Macroptylum atropurpureum	1	
Macrotyloma uniflora	1	
Macrotyloma axillare	1	
Magnolia officinalis	2	
Magnolia kobus	2	
Magnolia denudata	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 x rotundifolia	2	
Mentha x piperita	1	
Mentha spicata	2	
Mentha arvensis var. piperascens	1	
Mentha aquatica	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 pruriens	2	
Mucuna deeringiana	1	
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 tenuiflorum	2	
Ocimum basilicum	4	
Oenanthe aquatica	1	
Oenothera biennis	3	828000.0
Olea europaea	5	
Ononis spinosa	8	
Opuntia ficus-indica	2	
Origanum vulgare	7	
Paeonia suffruticosa	2	
Paeonia officinalis	1	
Paeonia moutan	2	
Paeonia lactiflora	3	
Panax quinquefolius	1	
Panax notoginseng	1	
Panax ginseng	3	
Passiflora incarnata	4	

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

Plants with Activity Synergy	Chemical Count	Total PPM
Piptanthus nanus	1	
Pistacia lentiscus	3	
Pisum sativum	3	1000.0
Plantago ovata	1	
Plantago major	2	
Plumeria acutifolia	2	
Podocarpus spicatus	1	
Podophyllum pleianthum	2	
Podophyllum peltatum	3	200000.0
Podophyllum hexandrum	2	
Pogostemon cablin	1	
Polygonum multiflorum	1	
Polygonum hydropiperoides	3	
Polygonum hydropiper	3	
Polygonum aviculare	2	
Populus tacamahacca	4	
Populus nigra	2	
Prosopis juliflora	2	
Prunella vulgaris	3	
Prunus verecunda	1	
Prunus spp	1	
Prunus spinosa	2	
Prunus serotina	3	
Prunus persica	3	
Prunus nipponica	1	
Prunus maximowiczii	1	
Prunus mahaleb	1	

Plants with Activity Synergy	Chemical Count	Total PPM
Prunus laurocerasus	2	
Prunus dulcis	2	
Prunus domestica	3	
Prunus cerasus	8	
Prunus avium	1	
Prunus armeniaca	2	
Prunus aequinoctialis	1	
Pseudemia comosa	1	
Pseudoeriosema borianii	1	
Pseudovigna argentea	1	
Psidium guajava	4	
Psidium cattleianum	2	
Psoralea corylifolia	2	
Pteridium aquilinum	1	
Pterocarpus santalinus	1	
Pterocarpus marsupium	2	
Pterocarpus angolensis	1	
Pueraria pseudohirsuta	3	
Pueraria phaseoloides	1	
Pueraria montana	6	
Punica granatum	9	80000.0
Pyrus communis	1	112.0
Quassia amara	1	
Quercus velutina	1	
Quercus rubra	1	
Quercus robur	2	
Quercus infectoria	2	80000.0

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

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

Plants with Activity Synergy	Chemical Count	Total PPM
Sophora subprostrata	2	
Sophora japonica	4	
Sophora flavescens	1	
Sophora angustifolia	1	
Sorbus aucubaria	2	
Spartium junceum	3	
Spinacia oleracea	2	76.0
Stachys officinalis	1	
Stauracanthus genistoides	1	
Stauracanthus boivinii	1	
Stellaria media	3	
Stizolobium deeringianum	1	
Strongylodon macrobotrys	1	
Syzygium cumini	1	
Syzygium aromaticum	6	
Tabebuia impetiginosa	2	
Tagetes patula	2	
Tagetes minuta	1	
Tagetes lucida	1	
Tagetes erecta	1	
Tanacetum vulgare	2	
Taraxacum officinale	2	
Taxus baccata	1	
Teline sp	1	
Terminalia pallida	1	
Terminalia ivorensis	1	
Terminalia chebula	5	17000.0

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

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

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