

A (+)-Inotropic

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	# Chemicals	Total PPM
<i>Aconitum napellus</i> Bear's-Foot; Garden Wolfsbane; Helmet Flower; Queen's Fettle; Blue Rocket; Turk's Cap; Garden Monkshood; Friar's Cap; Aconite; European Aconite; Monkshood; Soldier's Cap	1	
<i>Aconitum carmichaelii</i> Aconite; Fu-Tsu	1	
<i>Adonis vernalis</i> Spring Adonis	1	
<i>Andira inermis</i> Cabbage Bark	1	
<i>Annona cherimola</i> Cherimoya	1	
<i>Argemone mexicana</i> Prickly Poppy	1	820.0
<i>Berberis vulgaris</i> Barberry	1	
<i>Camellia sinensis</i> Tea	2	281808.0
<i>Caulophyllum thalictroides</i> Blue Cohosh	1	
<i>Chelidonium majus</i> Celandine	1	
<i>Citrus sinensis</i> Orange	1	136.6
<i>Citrus paradisi</i> Grapefruit	1	58.0
<i>Citrus limon</i> Lemon	1	100.0
<i>Coffea arabica</i> Coffee	2	64000.0
<i>Cola acuminata</i> Abata Cola	1	50000.0
<i>Coptis</i> spp Generic Goldthread	2	180000.0
<i>Coptis japonica</i> Huang-Lien; Japanese Goldthread; Huang-Lian; Huang-Lia	1	140000.0
<i>Coptis chinensis</i> Chinese Goldthread; Huang-Lian; Huang-Lien	1	180000.0
<i>Corydalis</i> spp Fumewort	1	
<i>Eschscholzia californica</i> California Poppy	1	
<i>Firmiana simplex</i> Chinese Parasol	1	
<i>Galega officinalis</i> Goat's Rue; Galega	1	
<i>Genipa americana</i> Genipap; Jagua	1	
<i>Guazuma ulmifolia</i> Bay Cedar	1	
<i>Harpagophytum procumbens</i> Devil's Claw; Grapple Plant	1	
<i>Hydrastis canadensis</i> Goldenseal	2	180000.0
<i>Ilex paraguariensis</i> Mate; Paraguay Tea; South American Holly	2	41000.0
<i>Justicia adhatoda</i> Malabar Nut	1	
<i>Lamium</i> sp	1	
<i>Macleaya cordata</i> Plume Poppy	1	
<i>Mahonia siamensis</i>	1	
<i>Mahonia repens</i> Creeping Barberry; Oregon Grape; Oregon Grape-Holly; Oregon Barberry	1	
<i>Mahonia philipinensis</i>	1	
<i>Mahonia nervosa</i> Water Holly; Oregon Barberry; Oregon Grape-Holly; Oregon Grape	1	
<i>Mahonia japonica</i> Japanese Ashberry; Hiiragi-Nanten	1	
<i>Mahonia gracilipes</i>	1	
<i>Mahonia fortunei</i>	1	
<i>Mahonia fargesii</i>	1	

Plant	# Chemicals	Total PPM
<i>Mahonia aquifolium</i> Holly Barberry; Blue Barberry; Mountain Grape; Holly Mahonia; Oregon Grape	1	
<i>Menispermum canadense</i> Moonseed	1	
<i>Nandina domestica</i> Southern Heaven Bamboo; Nanten (Jap.); Heavenly Bamboo; Sacred Bamboo	1	
<i>Papaver somniferum</i> Opium Poppy; Poppyseed Poppy	1	
<i>Paullinia yoko</i> Yoko	1	54600.0
<i>Paullinia cupana</i> Guarana	2	155070.0
<i>Peganum harmala</i> Harmel; Syrian Rue	1	
<i>Phellodendron amurense</i> Huang Po; Po Mu; Amur Cork Tree; Huang Bai	1	20000.0
<i>Podophyllum peltatum</i> Mayapple	1	
<i>Podophyllum hexandrum</i> Himalayan Mayapple	1	
<i>Sanguinaria canadensis</i> Bloodroot	1	
<i>Scrophularia scorodonia</i>	1	
<i>Scrophularia buergeriana</i> Hsuan-Shen; Yuan-Shen	1	
<i>Theobroma cacao</i> Cacao	2	25800.0
<i>Theobroma bicolor</i> Nicaraguan Cacao; Pataste	2	
<i>Theobroma angustifolium</i> Emerald Cacao; Castarica	2	
<i>Turnera diffusa</i> Damiana	1	
<i>Verbascum thapsus</i> Flannelleaf; Velvetplant; Mullein; Great Mullein; Flannelplant	1	
<i>Xanthorhiza simplicissima</i> Yellowroot	2	
<i>Zanthoxylum clava-herculis</i> West Indian Yellowwood; Hercules'-Club; Pepperbark; Southern Prickly Ash	1	
<i>Zanthoxylum americanum</i> Northern Prickly Ash	1	
<i>Zanthoxylum alatum</i> Wartara Oil Tree; Indian Prickly Ash	1	