Table 3. List of plant species which may have ERR activity based on promising ligands for ERR-α

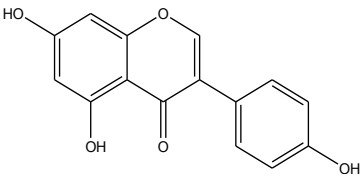
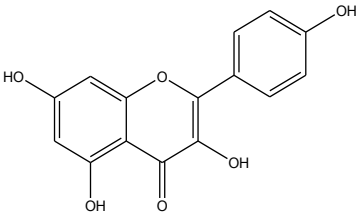
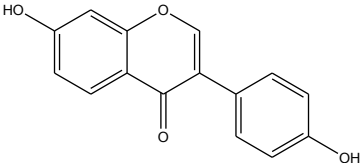
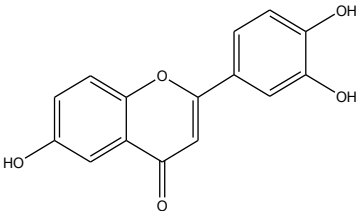
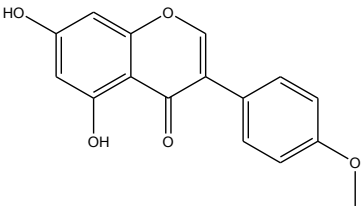
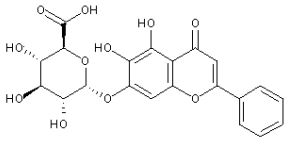
Isoflavones	Flavonoids
*Clitoria ternatea**	*Allium* spp. (*cepa* sativum * schoenoprasum)*
Glycine max,***	*Apium graveolens***
Kennedia spp.	*Averrhoa bilimbi*
*Phaseolus lunatus**	*Azadirachta indica**
Trifolium spp.*,**	*Brassica oleracea*,+*
	*Capsicum spp.**
	*Chamaemelum nobilis **
	*Lactuca perennis**
	Laurus nobilis
	*Matricaria chamomilla**
	Matricaria recutita
	*Mentha spicata**
	Origanum vulgare,***
	*Pimpinella anisum**
	Pisum sativum
	*Scorzonera columnae**
	Scutellaria baicalensis,++*
	Thespecia populnea

*traditional use in cancer, +traditional use in breast cancer, ++ traditional use in uterine cancer

** traditional use in female disorders

Plant listing from Dr. Dukes Phytochemical and Ethnobotanical Database [99]

Table 4. Established ligands of ERRα

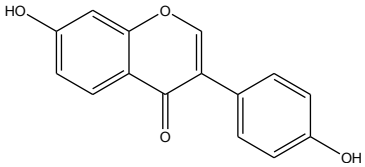
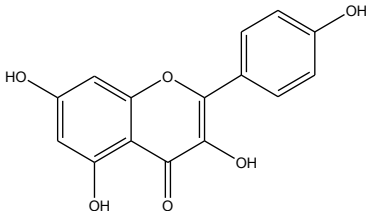
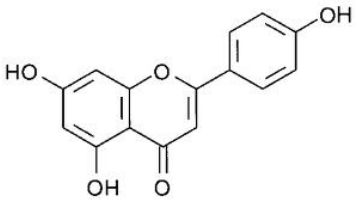
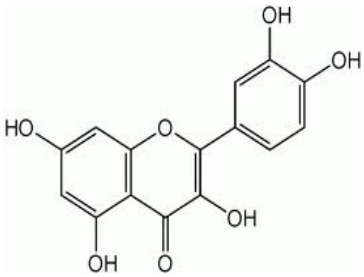
Known ERRα Ligands Isoflavones	Plant species in high concen*	Known ERRα Ligands Flavones	Plant species in high concen*
 5,7,4′-trihydroxyisoflavone	*Trifolium* spp *Phaseolus lunatus* *Glycine max* *Kennedia* spp *Clitoria ternatea* *Pseudoeroisema borianii* *Flemingia strobilifera* *Dioclea glycinoides* *Dunbaria villosa* *Apios americana*	 3,5,7,4′-tetrahydroxyflavone (kaempferol)	*Azadirachta indica* *Pisum sativum* *Thespecia populnea* *Brassica oleracea* *Allium schoenoprasum*
 7,4′-dihydroxyisoflavone	*Glycine max* *Pueraria lobata*	 6,3′,4′-trihydroxyflavone	unknown
 5,7-dihydroxy-4′-methoxyisoflavone (biochanin A)	*Trifolium pratense* *Pueraria lobata*	 Baicalin	*Scutellaria baicalensis*

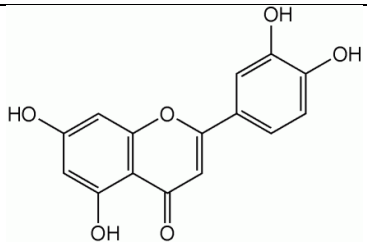
		(Zhang, 2011)	

*Data for plants that have quantified levels of compound. There are species that are not listed here that contain the compound in question in unquantified levels.

Plant listing from Dr. Dukes Phytochemical and Ethnobotanical Database [99]

Table 5. Compounds Active on ERRγ

Known ERRγ Ligands Isoflavones	Soublility	Known ERRγ Ligands Flavones	Plant species in high concen*
 7,4′-dihydroxyisoflavone (daidzein) (Huang et al, 2010)		 3,5,7,4′-tetrahydroxyflavone (kaempferol) (Wang, 2009)	*Azadirachta indica* *Pisum sativum* *Thespecia populnea* *Brassica oleracea* *Allium schoenoprasum*
Apigenin  Flavone, not isoflavone (Huang et al, 2010)	*Glycine max* *Pueraria lobata*	Quercetin  (Huang et al, 2010)	Ubiquitous
	Trifolium pratense *Pueraria lobata*	Luteolin	

		 (Huang et al, 2010)	

Plant listing from Dr. Dukes Phytochemical and Ethnobotanical Database [99]

Acknowledgments: Special thanks to JJ Burns, ND and Betsy Costilo, MS for assistance in research and manuscript preparation.

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