

Turmeric Root:

INTERACTIONS

Medications changed by the liver (Cytochrome P450 3A4 (CYP3A4) substrates) Interaction Rating: Moderate Be cautious with this combination. Talk with your health provider.

Some medications are changed and broken down by the liver. Turmeric might decrease how quickly the liver breaks down some medications. Taking turmeric along with some medications that are broken down by the liver can increase the effects and side effects of some medications. Before taking turmeric talk to your healthcare provider if you take any medications that are changed by the liver.

Some medications that are changed by the liver include some calcium channel blockers (diltiazem, nifedipine, verapamil), chemotherapeutic agents (etoposide, [paclitaxel](#), vinblastine, vincristine, vindesine), antifungals (ketoconazole, itraconazole), glucocorticoids, [alfentanil](#) ([Alfenta](#)), cisapride ([Propulsid](#)), fentanyl ([Sublimaze](#)), lidocaine ([Xylocaine](#)), losartan ([Cozaar](#)), fexofenadine ([Allegra](#)), midazolam (Versed), and others.

Medications for diabetes (Antidiabetes drugs) Interaction Rating: Moderate Be cautious with this combination. Talk with your health provider.

Turmeric might decrease blood sugar in people with type 2 diabetes. Diabetes medications are also used to lower blood sugar. Taking turmeric along with diabetes medications might cause your blood sugar to go too low. Monitor your blood sugar closely. The dose of your diabetes medication might need to be changed.

Some medications used for diabetes include glimepiride ([Amaryl](#)), glyburide ([DiaBeta](#), [Glynase PresTab](#), [Micronase](#)), insulin, pioglitazone ([Actos](#)), rosiglitazone ([Avandia](#)), chlorpropamide ([Diabinese](#)), glipizide ([Glucotrol](#)), tolbutamide (Orinase), and others.

Medications that slow blood clotting (Anticoagulant / Antiplatelet drugs) Interaction Rating: Moderate Be cautious with this combination. Talk with your health provider.

Turmeric might slow blood clotting. Taking turmeric along with medications that also slow clotting might increase the chances of bruising and bleeding.

Some medications that slow blood clotting include [aspirin](#), clopidogrel ([Plavix](#)), diclofenac ([Voltaren](#), [Cataflam](#), others), ibuprofen (Advil, Motrin, others), naproxen (Anaprox, [Naprosyn](#), others), dalteparin ([Fragmin](#)), enoxaparin ([Lovenox](#)), [heparin](#), warfarin ([Coumadin](#)), and others.

Sulfasalazine ([Azulfidine EN-Tabs](#)) Interaction Rating: Moderate Be cautious with this combination. Talk with your health provider.

Turmeric might increase how much sulfasalazine ([Azulfidine](#) EN-Tabs) the body absorbs. Taking turmeric while taking sulfasalazine (Azulfidine EN-Tabs) might increase the effects and side effects of sulfasalazine (Azulfidine EN-Tabs).

Tacrolimus ([Prograf](#)) Interaction Rating: Moderate Be cautious with this combination. Talk with your health provider.

Turmeric might increase the amount of tacrolimus in the body. This can increase the side effects of tacrolimus and even damage the kidneys.

Talinolol Interaction Rating: Moderate Be cautious with this combination. Talk with your health provider.

Turmeric might decrease how much talinolol the body absorbs. Taking turmeric while taking talinolol might decrease the effects and side effects of talinolol.

Docetaxel ([Docefrez](#), [Taxotere](#)) Interaction Rating: Minor Be cautious with this combination. Talk with your health provider.

Turmeric might increase how much docetaxel (Docefrez, Taxotere) the body absorbs. Taking turmeric while taking docetaxel (Docefrez, Taxotere) might increase the effects and side effects of docetaxel (Docefrez, Taxotere).

Estrogens Interaction Rating: Minor Be cautious with this combination. Talk with your health provider.

Large amounts of turmeric might have some of the same effects as estrogen. However, large amounts of turmeric are not as strong as estrogen pills. Taking turmeric along with estrogen pills might decrease the effects of estrogen pills. Some estrogen pills include conjugated equine estrogens ([Premarin](#)), ethinyl estradiol, estradiol, and others.

Medications changed by the liver (Cytochrome P450 1A1 (CYP1A1) substrates) Interaction Rating: Minor Be cautious with this combination. Talk with your health provider.

Some medications are changed and broken down by the liver. Turmeric might decrease how quickly the liver breaks down some medications. Taking turmeric along with some medications that are broken down by the liver can increase the effects and side effects of some medications. Before taking turmeric talk to your healthcare provider if you take any medications that are changed by the liver. Some medications that are changed by the liver include [chlorzoxazone](#) ([Lorzone](#)), theophylline, and bupropion.

Medications changed by the liver (Cytochrome P450 1A2 (CYP1A2) substrates) Interaction Rating: Minor Be cautious with this combination. Talk with your health provider.

Some medications are changed and broken down by the liver. Turmeric might decrease how quickly the liver breaks down some medications. Taking turmeric along with some medications that are broken down by the liver can increase the effects and side effects of some medications. Before taking turmeric talk to your healthcare provider if you take any medications that are changed by the liver. Some medications that are changed by the liver include clozapine ([Clozaril](#)), cyclobenzaprine ([Flexeril](#)), fluvoxamine ([Luvox](#)), haloperidol ([Haldol](#)), imipramine ([Tofranil](#)), mexiletine ([Mexitil](#)), olanzapine ([Zyprexa](#)), pentazocine (Talwin), propranolol ([Inderal](#)), tacrine ([Cognex](#)), zileuton ([Zyflo](#)), zolmitriptan ([Zomig](#)), and others.

Medications moved by pumps in cells (P-Glycoprotein Substrates)Interaction
Rating: Minor Be cautious with this combination.Talk with your health provider.

Some medications are moved by pumps in cells. Turmeric might make these pumps less active and increase how much of some medications get absorbed by the body. This might increase the amount of some medications in the body, which could lead to more side effects. But there is not enough information to know if this is a big concern.

Some medications that are moved by these pumps include some chemotherapeutic agents (etoposide, paclitaxel, vinblastine, vincristine, vindesine), antifungals (ketoconazole, itraconazole), protease inhibitors (amprenavir, indinavir, nelfinavir, saquinavir), H2 antagonists (cimetidine, ranitidine), some calcium channel blockers (diltiazem, verapamil), digoxin, corticosteroids, [erythromycin](#), cisapride (Propulsid), fexofenadine (Allegra), cyclosporine, loperamide ([Imodium](#)), quinidine, and others.

Norfloxacin ([Noroxin](#))Interaction Rating: Minor Be cautious with this combination.Talk with your health provider.

Turmeric might increase how much norfloxacin (Noroxin) the body absorbs. Taking turmeric while taking norfloxacin (Noroxin) might increase the effects and side effects of norfloxacin (Noroxin).

Paclitaxel ([Abraxane](#), Onxol)Interaction Rating: Minor Be cautious with this combination.Talk with your health provider.

Turmeric might increase how much paclitaxel (Abraxane, Onxol) the body absorbs. Taking turmeric while taking paclitaxel (Abraxane, Onxol) might increase the effects and side effects of paclitaxel (Abraxane, Onxol). However, there is not enough information to know if this is a big concern.

Reference: <https://www.rxlist.com/turmeric/supplements.htm>

Feverfew Extract:

<https://www.drugs.com/drug-interactions/feverfew-index.html?filter=1>

Passion Flower Extract:

- Sedative medications (CNS depressants) interacts with PASSIONFLOWER
Passionflower might cause sleepiness and drowsiness. Medications that cause sleepiness are called sedatives. Taking passionflower along with sedative medications might cause too much sleepiness.

Some sedative medications include pentobarbital (Nembutal), phenobarbital (Luminal), secobarbital (Seconal), clonazepam (Klonopin), lorazepam (Ativan), zolpidem (Ambien), and others.

Chinese Skullcap Extract:

INTERACTIONS

AlcoholInteraction Rating: Moderate Be cautious with this combination.Talk with your health provider.

Alcohol can cause sleepiness and drowsiness. Baikal skullcap might also cause sleepiness and drowsiness. Taking large amounts of Baikal skullcap along with alcohol might cause too much sleepiness.

EstrogensInteraction Rating: Moderate Be cautious with this combination.Talk with your health provider.

Baikal skullcap might have some of the same effects as estrogen. However Baikal skullcap is not as strong as estrogen pills. Taking Baikal skullcap along with estrogen pills might decrease the effects of estrogen pills.

Some estrogen pills include conjugated equine estrogens ([Premarin](#)), ethinyl estradiol, estradiol, and others.

LithiumInteraction Rating: Moderate Be cautious with this combination.Talk with your health provider.

Baikal skullcap might have an effect like a water pill or "diuretic." Taking Baikal skullcap might decrease how well the body gets rid of lithium. This could increase

how much lithium is in the body and result in serious side effects. Talk with your healthcare provider before using this product if you are taking lithium. Your lithium dose might need to be changed.

Medications changed by the liver (Cytochrome P450 1A2 (CYP1A2) substrates) Interaction Rating: Moderate Be cautious with this combination. Talk with your health provider.

Some medications are changed and broken down by the liver. Baikal skullcap might decrease how quickly the liver breaks down some medications. Taking Baikal skullcap along with some medications that are changed by the liver might increase the effects and side effects of some medications. Before taking Baikal skullcap, talk to your healthcare provider if you take any medications that are changed by the liver.

Some of these medications that are changed by the liver include clozapine ([Clozaril](#)), cyclobenzaprine ([Flexeril](#)), fluvoxamine ([Luvox](#)), haloperidol ([Haldol](#)), imipramine ([Tofranil](#)), mexiletine ([Mexitil](#)), olanzapine ([Zyprexa](#)), pentazocine (Talwin), propranolol ([Inderal](#)), tacrine ([Cognex](#)), theophylline, zileuton ([Zyflo](#)), zolmitriptan ([Zomig](#)), and others.

Medications changed by the liver (Cytochrome P450 2C19 (CYP2C19) substrates) Interaction Rating: Moderate Be cautious with this combination. Talk with your health provider.

Some medications are changed and broken down by the liver. Baikal skullcap might increase how quickly the liver breaks down some medications. Taking Baikal skullcap with these medications might decrease how well the medication works. Before taking Baikal skullcap, talk to your healthcare provider if you take any medications that are changed by the liver.

Some of these medications that are changed by the liver include amitriptyline ([Elavil](#)), carisoprodol ([Soma](#)), citalopram ([Celexa](#)), [diazepam](#) ([Valium](#)), lansoprazole ([Prevacid](#)), omeprazole ([Prilosec](#)), phenytoin ([Dilantin](#)), warfarin ([Coumadin](#)), and many others.

Medications for diabetes (Antidiabetes drugs)Interaction Rating: Moderate Be cautious with this combination.Talk with your health provider.

Baikal skullcap might decrease blood sugar. Diabetes medications are also used to lower blood sugar. Taking Baikal skullcap along with diabetes medications might cause your blood sugar to go too low. Monitor your blood sugar closely. The dose of your diabetes medication might need to be changed.

Some medications used for diabetes include glimepiride ([Amaryl](#)), glyburide ([DiaBeta](#), [Glynase PresTab](#), [Micronase](#)), insulin, pioglitazone ([Actos](#)), rosiglitazone ([Avandia](#)), chlorpropamide ([Diabinese](#)), glipizide ([Glucotrol](#)), tolbutamide (Orinase), and others.

Medications for high blood pressure (Antihypertensive drugs)Interaction Rating: Moderate Be cautious with this combination.Talk with your health provider.

Baikal skullcap might lower blood pressure. Taking Baikal skullcap with medications used to treat high blood pressure might cause blood pressure levels to go to low. Some medications for high blood pressure include captopril ([Capoten](#)), enalapril ([Vasotec](#)), losartan ([Cozaar](#)), valsartan ([Diovan](#)), diltiazem ([Cardizem](#)), amlodipine ([Norvasc](#)), hydrochlorothiazide (HydroDIURIL), [furosemide](#) ([Lasix](#)), and many others.

Medications that slow blood clotting (Anticoagulant / Antiplatelet drugs)Interaction Rating: Moderate Be cautious with this combination.Talk with your health provider.

Baikal skullcap might slow blood clotting. Taking Baikal skullcap along with medications that also slow clotting might increase the chances of bruising and bleeding.

Some medications that slow blood clotting include [aspirin](#), clopidogrel ([Plavix](#)), dalteparin ([Fragmin](#)), enoxaparin ([Lovenox](#)), [heparin](#), indomethacin ([Indocin](#)), ticlopidine ([Ticlid](#)), warfarin (Coumadin), and others.

Metformin ([Glucophage](#))Interaction Rating: Moderate Be cautious with this combination.Talk with your health provider.

Metformin (Glucophage) is used to help decrease blood sugar. Baikal skullcap might also lower blood sugar. Taking Baikal skullcap along with metformin (Glucophage) might increase the effectiveness of metformin (Glucophage) for lowering blood sugar. Monitor your blood sugar closely. The dose of your metformin (Glucophage) might need to be changed.

Sedative medications (Benzodiazepines)Interaction Rating: Moderate Be cautious with this combination.Talk with your health provider.

Baikal skullcap might cause sleepiness and drowsiness. Medications that cause sleepiness and drowsiness are called sedatives. Taking Baikal skullcap along with sedative medications might cause too much sleepiness.

Some of these sedative medications include clonazepam ([Klonopin](#)), diazepam (Valium), lorazepam ([Ativan](#)), and others.

Sedative medications (CNS depressants)Interaction Rating: Moderate Be cautious with this combination.Talk with your health provider.

Baikal skullcap might cause sleepiness and drowsiness. Medications that cause sleepiness are called sedatives. Taking Baikal skullcap along with sedative medications might cause too much sleepiness.

Some sedative medications include clonazepam (Klonopin), lorazepam (Ativan), [phenobarbital](#) ([Donnatal](#)), zolpidem ([Ambien](#)), and others.

Medications moved by pumps in cells (P-glycoprotein Substrates)Interaction Rating: Minor Be cautious with this combination.Talk with your health provider.

Some medications are moved by pumps into cells. Baikal skullcap might make these pumps less active and increase how much of some medications get absorbed by the body. This might increase the side effects of some medications.

Some medications that are moved by these pumps include etoposide, [paclitaxel](#), vinblastine, vincristine, vindesine, ketoconazole, itraconazole, amprenavir, indinavir, nelfinavir, saquinavir, cimetidine, ranitidine, diltiazem, verapamil, corticosteroids, [erythromycin](#), cisapride ([Propulsid](#)), fexofenadine ([Allegra](#)), cyclosporine, loperamide ([Imodium](#)), quinidine, and others.

Medications used for lowering cholesterol (Statins) Interaction Rating: Minor Be cautious with this combination. Talk with your health provider.

Baikal skullcap might change the levels of statins in your blood. But there isn't enough information to know if this is an important interaction. Talk with your healthcare provider before using Baikal skullcap if you are taking medications used for lowering cholesterol.

These medications include atorvastatin ([Lipitor](#)), cerivastatin ([Baycol](#)), fluvastatin ([Lescol](#)), lovastatin ([Mevacor](#)), pravastatin ([Pravachol](#)), and [simvastatin](#) ([Zocor](#)).

Reference: https://www.rxlist.com/baikal_skullcap/supplements.htm

Alpha Lipoic Acid:

- Medications for cancer (Chemotherapy) interacts with ALPHA-LIPOIC ACID
Alpha-lipoic acid is an antioxidant. There is some concern that antioxidants might decrease the effectiveness of some medications used for cancers. But it is too soon to know if this interaction occurs.
- Minor Interaction
Be watchful with this combination
Medications for diabetes (Antidiabetes drugs) interacts with ALPHA-LIPOIC ACID
Alpha-lipoic acid might decrease blood sugar. Diabetes medications are also used to lower blood sugar. Taking alpha-lipoic acid along with diabetes medications might cause your blood sugar to go too low. But more evidence is needed to know if this interaction is a big concern. Monitor your blood sugar closely.

Some medications used for diabetes include glimepiride (Amaryl), glyburide

(DiaBeta, Glynase PresTab, Micronase), insulin, pioglitazone (Actos), rosiglitazone (Avandia), chlorpropamide (Diabinese), glipizide (Glucotrol), tolbutamide (Orinase), and others.

Reference: <https://www.webmd.com/vitamins/ai/ingredientmono-767/alpha-lipoic-acid>

Acetyl-L-Carnitine:

- Major Interaction

Do not take this combination

Acenocoumarol (Sintrom) interacts with ACETYL-L-CARNITINE

Acenocoumarol (Sintrom) is used to slow blood clotting. Acetyl-L-carnitine might increase the effectiveness of acenocoumarol (Sintrom). Increasing the effectiveness of acenocoumarol (Sintrom) might slow blood clotting too much. The dose of your acenocoumarol (Sintrom) might need to be changed.

- Moderate Interaction

Be cautious with this combination

Warfarin (Coumadin) interacts with ACETYL-L-CARNITINE

Warfarin (Coumadin) is used to slow blood clotting. Acetyl-L-carnitine might increase the effects of warfarin (Coumadin) and increase the chances of bruising and bleeding. Be sure to have your blood checked regularly. The dose of your warfarin (Coumadin) might need to be changed.

Reference: <https://www.webmd.com/vitamins/ai/ingredientmono-834/acetyl-l-carnitine>