



Code: 9227 **NPN:** 80037407
Size: 180 Chewable Tablets
Actual Size: 15.96 mm diameter



DGL

Deglycyrrhizinated Licorice Root Extract Relieves stomach and digestive tract irritation, and protects stomach lining

- Provides DGL in chewable tablets, the form associated with the greatest clinical efficacy, as it allows for licorice to be released in the stomach and dispersed/absorbed by the gastric mucosa
- Offers 400 mg of DGL per tablet, the clinically effective dosage
- Deglycyrrhization prevents adverse effects associated with licorice consumption
- Pleasant-tasting tablets for better compliance
- Suitable for vegetarians/vegans

PRODUCT SUMMARY

Deglycyrrhizinated licorice, or DGL, has been used clinically for decades, primarily for the treatment of peptic ulcers. Licorice has many triterpenoids and hundreds of flavonoids that have been shown to inhibit several inflammatory enzymes, including both cyclooxygenase-2 (COX-2) and 5-lipoxygenase (5-LOX). These enzymes increase the production of several potent inflammatory compounds, including IL-6, prostaglandin E2, thromboxane B2, and leukotriene B4. Importantly, this inhibition is not primarily due to glycyrrhizic acid, the component of licorice that has been removed in DGL and that is associated with mineralocorticoid excess and hypertension. Licorice has multiple active compounds with anti-inflammatory, antimicrobial, and anti-allergic actions, including glabridin and at least seven licochalcones. The compounds have been shown to prevent lipopolysaccharide (LPS) induced production of inflammatory compounds, inhibit yeast and bacterial biofilm formation, and upregulate antioxidant enzymes.

Clinically, DGL has been shown to have comparable efficacy to cimetidine for both the healing and prevention of ulcer recurrences. Additionally, extracts of licorice have been shown to inhibit the adhesion of *H. pylori* to gastric mucosa, as well as the growth of antibiotic resistant strains, suggesting multiple mechanisms of action for its anti-ulcer benefit. The use of chewable tablets appears necessary for DGL's efficacy as it allows for distribution and absorption by the gastric mucosa.



DGL · DEGLYCYRRHIZINATED LICORICE ROOT EXTRACT
RELIEVES STOMACH AND DIGESTIVE TRACT IRRITATION, AND PROTECTS STOMACH LINING

Serving Size: 1 Chewable Tablet

Servings Per Container: 180

Each Tablet Contains:

Deglycyrrhizinated Licorice 10:1 Extract (*Glycyrrhiza glabra*) (root) 400 mg
Providing 4,000 mg crude herb licorice

Non-medicinal Ingredients: Xylitol, microcrystalline cellulose, aniseed, stearic acid, vegetable grade magnesium stearate (lubricant), silica, *Stevia rebaudiana* leaf.

Recommended Adult Dose: Chew 1 tablet 20 minutes prior to each meal, or as directed by a health care practitioner.

Recommended Use: Deglycyrrhizinated Licorice (DGL) protects stomach lining by stimulating mucous formation and secretion. Helps relieve inflammatory conditions of the gastrointestinal tract (demulcent). Helps relieve abdominal pain and burning sensation in the stomach (demulcent).

Caution: Consult a health care practitioner if symptoms persist or worsen. Keep out of reach of children.

Drug Interactions: No known drug interactions. Licorice influences the activity of several cytochrome enzymes and reduces warfarin activity in animal models, likely due to glycyrrhizic acid activity. DGL use should be carefully monitored in these patients.

Contains no artificial colours, preservatives, or sweeteners; no dairy, starch, sugar, wheat, gluten, yeast, soy, egg, fish, shellfish, animal products, salt, tree nuts, or GMOs. Suitable for vegetarians/vegans. Sealed for your protection. Do not use if seal is broken. For freshness, store in a cool, dry place.

References available at bioclinicnaturals.com



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