



Product Information

Methimazole liposomes

Cat. No.: X26-05-ZQ2567

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: Methimazole LPs; Methimazole-loaded liposomes; Methimazole liposomal formulations

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	This formulation features methimazole liposomes engineered to encapsulate a small molecule antithyroid drug within a stable vesicle matrix. The structural matrix incorporates the hydrophilic compound methimazole entirely within its central aqueous core and interfacial headgroup zones, utilizing a balanced phospholipid-cholesterol bilayer envelope. This precise configuration stabilizes the volatile imidazole-2-thione ring structure, completely preventing rapid drug leakage and chemical oxidation in open aqueous suspension while maintaining high baseline colloidal parameters under ambient laboratory conditions.
Source	Custom synthesis
Functional Group	Methimazole
Form	Solid or powder
Purity	≥95%
Impurities	No visible impurities to the naked eye.
Identity	HPLC/MS/NMR
Stability	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Storage	Store at -20°C.