



Product Information

Flexible nanoliposomes

Cat. No.: X26-05-ZQ1833

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

Synonym: Flexible NLs; Deformable nanoliposomes; Transfersomes; Elastic nanoliposomes

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

Product Information

Description	This specialized formulation features flexible nanoliposomes, also known as transfersomes, engineered with enhanced membrane elasticity. The structural matrix incorporates high-purity phospholipids blended with an optimized concentration of a membrane-softening surfactant or edge activator (such as sodium cholate or polysorbate 80). The integration of the edge activator destabilizes the lipid bilayer packing just enough to drastically lower the membrane bending energy without causing vesicle lysis, allowing the nanoliposomes to undergo extreme structural deformation under mechanical stress.
Source	Custom synthesis
Functional Group	Flexible lipid matrix
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.