



LNP@curcumin, lipid nanoparticles loaded with curcumin

Cat. No. R-Z-7004

Lot. No. (See product label)

Alias	Liposome-encapsulated curcumin
Appearance	Dispersion
Molecular Formula	N/A
Solubility	Dispersed in water or PBS buffer
Storage	2-8°C, protected from light
Purity	95%+
Shelf Life	1 year
Shipping Condition	low temperature transport
Application	Preparation of liposomes
Specification	10mg : Inquiry 20mg : Inquiry 50mg : Inquiry
Description	LNP@curcumin is a nano-delivery system that encapsulates the natural active ingredient curcumin through lipid nanoparticles. Curcumin is derived from plants of the Zingiberaceae family and has a variety of biological activities. However, curcumin has problems such as poor water solubility, low bioavailability, weak chemical stability, and rapid metabolism in the body. Lipid nanoparticles are used as carriers to effectively encapsulate curcumin, which not only improves the solubility and chemical stability of curcumin and prolongs its circulation time in the body; it can also achieve targeted delivery to specific tissues or

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cells by modifying the surface of lipid nanoparticles, reducing the distribution of drugs in normal tissues, thereby reducing side effects, enhancing treatment effects, and providing a way for efficient utilization of curcumin.

Supplier

Xi'an Ruixi

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