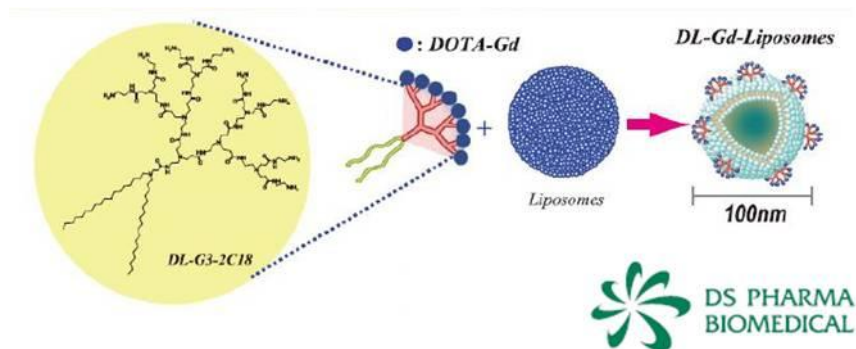


New release

Liposome Gadolinium Contrast Agent “Gadlisome” is MRI contrast agent using novel nanoparticle “Polyamidoamine dendron lipid including paramagnetic metal” for small animals to enhance the vasculature visualization. Dramatic improvement of the image quality with low injection volume and possibility for targeting to tumor as it is longer retention after the injection.



Product Features:

“**Gadlisome**” having a tumor clustering is useful for the tumor imaging through EPR (Enhanced Permeability and Retention) effect in mouse cancer models. One week after the administration, it showed no abnormal findings with mouse liver and kidney, and thereby proved fewer side-effects.

Paramagnetic metal in “**Gadlisome**” can be monitored after the administration, so that it is easy to follow-up the behavior of the liposome. Hence, if the anticancer drug can be encased within the liposome, it is expected to be used in the anticancer treatment that its anticancer drug can be released at the optimum position after monitoring the encased anticancer drug within liposome.

For the prospect, it is expected that the development of the absorbing proteins, such as peptides or antibodies, which can get the surface of liposome to accumulate cancer tissue, and what is more get the cancer tissues to incorporate the absorbed proteins onto the surface of liposome.

Product Information

cat No	product name	specifications
KH-16000590	Gadliosome 0.5 mL	recommended dose: 100-200 uL/mouse recommended magnetic flux destiny: over 1T

Distributor

SCETI

Manufactured by

