

Fe₃O₄ Nanozymes

Cat. No. NE006

Lot. No. (See product label)

Product Information

Size 10 ml

Parameter 1 mg/ml

Terence of Dimension 0.01

Shape Stripe

Mimic Activity Peroxidase-like and catalase.

Description Iron oxide nanozymes have mimic enzyme activities. Especially under acidic conditions, they can efficiently catalyze hydrogen peroxide to produce hydroxyl free radicals, and have antibacterial and tumor cell killing functions. At the same time, magnetic iron oxide nanoparticles also have many functions in practice.

Application Magnetic separation, magnetic resonance imaging, magnetic induction tumor hyperthermia, drug loading and magnetic targeting, long-term sustained release of iron supplementation, promoting the transformation of M1 and M2 macrophages and bone tissue repair.

Purity 95%+

Storage Condition Store at 2-8°C in the dark.

Shelf Life 12 months

Usage For Research use only.