

Molday ION™ C2Azide

Cat # MI-1002

Product Name: Molday ION C2Azide

Catalog Number: MI-1002

Description: Stable aqueous suspension of iron-based superparamagnetic nanoparticles (USPIO) having an azide handle for click chemistry reactions.

Application: MRI contrast agent for functional studies and for conversion to a nuclear imaging agent using click chemistry attachment of a radioisotope.

Packaging: 2 ml sealed serum bottle

Volume: 1.0 ml

Weight of Iron: 1 mg Fe/ml

Mean Particle Size: 50 nm

Core: Magnetite

Mean Core Size: 8 nm

Coating: Dextran

Number of Particles: ~6.4E15 per g

Density: ~1.25 g/cm³

Zeta Potential: ~ +48 mV

R1 (mM-1sec-1) 36.4

R2 (mM-1sec-1) 70.6

Functionality Azide

Storage Buffer: dH₂O

Autoclaved: No

Long-Term Storage: 4 °C - Do not freeze

For further information or to place an order please contact Dr. Brian Gray by email: briangray@mtarget.com or phone: 610-738-7938



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