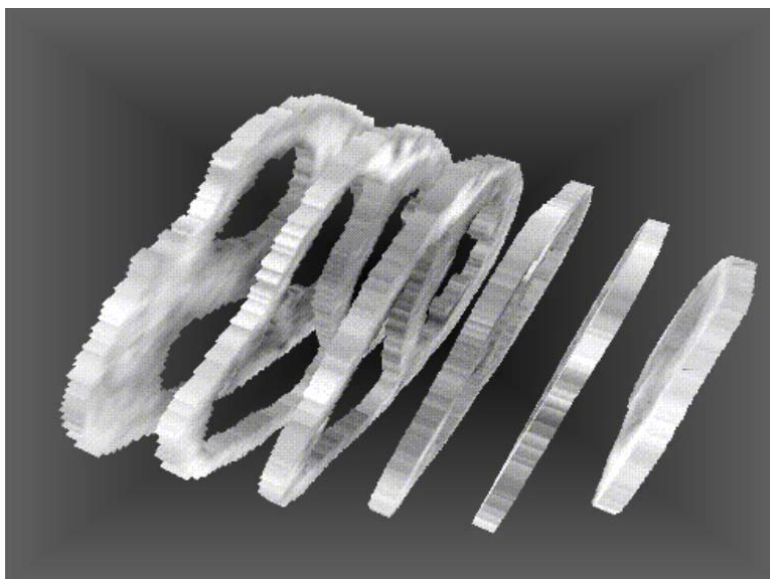


GADOLINIUM-DTPA (Gd-DTPA)

Magnetic resonance imaging (MRI) is an imaging technique used primarily in medical research to produce high quality images of *in vivo* systems. To track materials within *in vivo* systems, compounds-of-interest are tagged with materials that possess magnetic properties. These materials, as well as MRI contrast agents, generally fall into two classes. The first is soluble gadolinium compounds that act through the T1 relaxation process and are brightening agents. The second is particulate iron oxides that act through the T2 relaxation process and are darkening agents. Each type of contrast agent has its benefits.



BioPAL provides the research community with a comprehensive MRI product-line. This product-line includes standard MRI contrast agents, such as Gd-DTPA sold under our brand name **Gado-DTPA™**.

In addition, BioPAL has applied its unique isotopic labeling technology to generate novel MRI reagents for specific applications. For example, BioPAL developed IVST technology that permits visualization of labeled cells *via* MRI and subsequent quantification *via* neutron activation technology.

Gadolinium-DTPA

Gadolinium-DTPA is a brightening agent acting through the T1 relaxation process. BioPAL's **Gado-DTPA** is gadolinium-DTPA bottled at a concentration of 469 mg/ml and can be used for a wide range of research applications. **NOT FOR HUMAN USE.**

Catalog Number

MR-00P10	Gado-DTPA	\$ 50.00
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10.0 ml sealed serum bottle of gadolinium-DTPA at a concentration of 469 mg/ml.
Applications: Perfusion.

