

[Open Peer Review on Qeios](#)

Gadoversetamide

National Cancer Institute

Source

National Cancer Institute. *Gadoversetamide*. NCI Thesaurus. Code C47545.

A paramagnetic extracellular magnetic resonance imaging (MRI) contrast agent that facilitates visualization of abnormal vascularity. When placed in a magnetic field, gadoversetamide decreases T 1 (spin-lattice or longitudinal relaxation time) and T 2 (spin-spin or transverse relaxation time) values in tissues where it accumulates. At the recommended dose, the effect is primarily on T 1 relaxation time, and produces an increase in signal intensity. Gadoversetamide does not cross the intact blood-brain barrier. However, abnormal vascularity or disruption of the blood-brain barrier allows accumulation of gadoversetamide. (NCI05)