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Stabilized Sulphur Hexafluoride Microbubble-Based Contrast Agent

National Cancer Institute

Source

National Cancer Institute. *Stabilized Sulphur Hexafluoride Microbubble-Based Contrast Agent*. NCI Thesaurus. Code C85471.

An injectable ultrasound contrast media formulation composed of microbubbles of stabilized sulphur hexafluoride (SF₆) in sodium chloride solution. With stabilized sulphur hexafluoride microbubble-based contrast agent, ultrasound waves are scattered and reflected at the microbubble-blood interface during ultrasound imaging, thereby enhancing blood vessel visualization and the contrast between blood vessels and adjacent tissues.