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Iodine I-123 Iodometomidate

National Cancer Institute

Source

National Cancer Institute. *Iodine I-123 Iodometomidate*. NCI Thesaurus. Code C69137.

An iodine I-123 conjugate of metomidate (MTO) with potential application in adrenal imaging. Metomidate is a potent and selective inhibitor of the cytochrome P-450 enzymes, especially CYP11B1 (11 beta-hydroxylase) and CYP11B2 (aldosterone synthase). Because both CYP11B1 and CYP11B2 are expressed exclusively in the adrenal cortex, I-123 iodometomidate can be used as a radiotracer for adrenal scintigraphy.