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# Hydroxystilbamidine Isethionate

National Cancer Institute

## Source

National Cancer Institute. *Hydroxystilbamidine Isethionate*. NCI Thesaurus. Code C65871.

The isethionate salt form of hydroxystilbamidine, a cationic dye with antifungal, antitrypanosomal, antimalarial, and carcinostatic activities. Hydroxystilbamidine is able to bind to DNA and RNA in a non-intercalating manner, and is a powerful inhibitor of ribonucleases, thereby impeding cellular processes in protozoa. This agent was also shown to bind to lysosomes and induced a large number of lysosome-like bodies and secretion granules in trypanosome.