Open Peer Review on Qeios

Cyclic AMP

National Cancer Institute

Source

National Cancer Institute. Cyclic AMP. NCI Thesaurus. Code C208.

A second messenger molecule comprised of an adenine ribonucleotide bearing a phosphate group bound to the oxygen molecules at the 3' and 5' positions of the sugar moiety. Cyclic AMP, which is synthesized from ATP by the intracellular enzyme adenylate cyclase, modulates the activity of several hormone-dependent signal transduction pathways.