miR 26a-5p is a microRNA (miRNA) involved in regulating various cellular processes, including cell proliferation, apoptosis, differentiation, and metabolism. It has been identified as a key regulator in several diseases, such as cancer, neurological disorders, and cardiovascular diseases.

Key Features: - **Family:** Belongs to the miR-26 family (including miR-26a and miR-26b). - **Biological Function:** Regulates gene expression post-transcriptionally by binding to the 3' untranslated region (3' UTR) of target mRNAs, leading to their degradation or translational repression. - **Role in Cancer:** Functions as a tumor suppressor or oncogene, depending on the cancer type. It has been linked to various malignancies, including glioblastoma, hepatocellular carcinoma, breast cancer, and colorectal cancer. - **Neurological Relevance:** Implicated in neurodegenerative diseases and neuronal development. - **Cardiovascular Effects:** Plays a role in heart function, vascular remodeling, and myocardial diseases.

Would you like more specific details on its mechanisms or involvement in a particular disease?