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# Tivantinib

National Cancer Institute

## Source

National Cancer Institute. *Tivantinib*. NCI Thesaurus. Code C62437.

An orally bioavailable small molecule inhibitor of c-Met with potential antineoplastic activity. c-Met inhibitor ARQ 197 binds to the c-Met protein and disrupts c-Met signal transduction pathways, which may induce cell death in tumor cells overexpressing c-Met protein or expressing constitutively activated c-Met protein. c-Met protein, the product of the proto-oncogene c-Met, is a receptor tyrosine kinase also known as hepatocyte growth factor receptor (HGFR); this protein is overexpressed or mutated in many tumor cell types and plays key roles in tumor cell proliferation, survival, invasion, and metastasis, and tumor angiogenesis.