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# MNK1/2 Inhibitor ETC-1907206

National Cancer Institute

## Source

National Cancer Institute. *MNK1/2 Inhibitor ETC-1907206*. NCI Thesaurus. Code C153262.

A selective mitogen-activated protein kinase (MAPK)-interacting protein kinase (MNK) types 1/2 inhibitor with potential antineoplastic activity. Upon administration, MNK1/2 inhibitor ETC-1907206 may inhibit MNK1/2-dependent phosphorylation of eukaryotic initiation factor 4E (eIF4E) and interfere with its role in mRNA translation. eIF4E is an oncoprotein that must be phosphorylated before it can promote the proliferation and progression of tumor cells. MNKs are a family of serine/threonine kinases that have been implicated in oncogenic transformation and tumor progression.