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JNK Inhibitor CC-401

National Cancer Institute

Source

National Cancer Institute. *JNK Inhibitor CC-401*. NCI Thesaurus. Code C49095.

A second generation ATP-competitive anthrapyrazolone c-Jun N terminal kinase (JNK) inhibitor with potential antineoplastic activity. Based on the chemistry of SP600125, another anthrapyrazolone inhibitor of JNK, CC-401 competitively binds the ATP binding site of JNK, resulting in inhibition of the phosphorylation of the N-terminal activation domain of transcription factor c-Jun; decreased transcription activity of c-Jun; and a variety of cellular effects including decreased cellular proliferation.