Piroxicam is a non-steroidal anti-inflammatory drug (NSAID) that exhibits anti-inflammatory, analgesic, antipyretic, neuroprotective, anticancer, and chemopreventive activities. Piroxicam inhibits COX-1 and COX-2. Cu(II) complexes of piroxicam bind GC sequences of DNA. In animal models, this compound decreases development of polyps and colorectal cancer. In cellular models of Parkinson’s disease, piroxicam inhibits MPP+-induced decreases in phosphorylated Akt and neurodegeneration.

References


