Flufenamic acid is a COX-inhibiting non-steroidal anti-inflammatory drug (NSAID) that exhibits neuromodulatory, anti-inflammatory, antipyretic, analgesic, and antiepileptic/anticonvulsant activities. Flufenamic inhibits voltage-gated Na+ channels, transient receptor potential canonical 3 (TRPC3) channels, and transient receptor potential melastatin-like 2 (TRPM2) channels and potentiates TREK1 (KCNK2) channel activity. In vitro, flufenamic acid decreases glutamatergic excitatory activity and neuronal excitability.

References


