

[Open Peer Review on Qeios](#)

# Almotriptan

National Cancer Institute

## Source

National Cancer Institute. *Almotriptan*. NCI Thesaurus. Code C65224.

A sulfonamide triptan with extracerebral, intracranial vasoconstrictor activity. Almotriptan selectively binds to and activates serotonin 5-HT<sub>1B</sub> and 1D receptors in the central nervous system (CNS), thereby causing extracerebral, intracranial blood vessel constriction. This may lead to pain relief from vascular headaches. Almotriptan may also relieve vascular headaches by preventing the release of vasoactive neuropeptides from perivascular trigeminal axons in the dura mater during a migraine, by reducing extravasation of plasma proteins, and by decreasing the release of other mediators of inflammation from the trigeminal nerve.