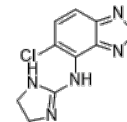


Product Name : Tizanidine
Cat. No. : PC-27360
CAS No. : 51322-75-9
Molecular Formula : C₉H₈ClN₅S
Molecular Weight : 253.71
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

Tizanidine is a skeletal muscle relaxant and an orally effective central α_2 -adrenoceptor agonist (IC₅₀=6 nM), exerts muscle relaxation effects by inhibiting the release of excitatory amino acids (glutamate and aspartate) from the presynaptic terminals of spinal cord interneurons, also inhibits the proliferation, migration, and invasion of lung cancer cells.

References

- Kamen L, et al. Curr Med Res Opin. 2008 Feb;24(2):425-39.
Granfors, M. T., et al. Br J Clin Pharmacol. 2004 Mar;57(3):349-53.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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