Product Data Sheet

Product Name: Prazosin hydrochloride
CAS No.: 19237-84-4
Cat. No.: HY-B0193A
MWt: 419.86
Formula: C19H22ClN5O4
Purity: >98%

Solubility: DMSO: 1 mg/mL, H2O: < 1 mg/mL

Mechanisms:
Pathways: GPCR/G protein; Target: Adrenergic Receptor

Biological Activity:
Prazosin is an alpha-adrenergic blocker and is a sympatholytic drug used to treat high blood pressure and anxiety, PTSD, and panic disorder.
Target: Adrenergic Receptor
Prazosin, is a sympatholytic drug used to treat high blood pressure and anxiety, PTSD, and panic disorder. It is an alpha-adrenergic blocker that is specific for the alpha-1 receptors. These receptors are found on vascular smooth muscle, where they are responsible for the vasoconstrictive action of norepinephrine. They are also found throughout the central nervous system. As of 2013, prazosin is off-patent in the US, and the FDA has approved at least one generic manufacturer. In addition to its alpha-blocking activity, prazosin is an antagonist of the MT3 receptor (which is not present in humans), with selectivity for this receptor over the MT1 and MT2 receptors. Prazosin is orally active and has a minim...

References:

Caution: Not fully tested. For research purposes only
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