Benzocetamine hydrochloride

Cat. No.: HY-A0171A
CAS No.: 10085-81-1
Molecular Formula: C₁₈H₂₀ClN
Molecular Weight: 285.81
Target: 5-HT Receptor
Pathway: GPCR/G Protein; Neuronal Signaling
Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description
Benzocetamine hydrochloride (Ba-30803) is a psychoactive agent with anti-anxiety effect. Benzocetamine hydrochloride blocks the central postsynaptic serotonin receptors and decreases 5-HT turnover in the brain[1][2].

In Vivo
Benzocetamine hydrochloride (Ba-30803) inhibits the head twitch reaction induced by L-5-hydroxytryptophan (5-HTP) in mice and by 5-methoxytryptamine (5-MT) in rats pretreated with tranylcypromine. Benzocetamine also antagonizes tryptamine (TRP)-induced clonic convulsions of forepaws in rats[2].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES


Caution: Product has not been fully validated for medical applications. For research use only.
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