

Aligeron

Catalog No: tcsc6748



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 20mg



Specifications

CAS No:

70713-45-0

Formula:

$C_{20}H_{24}N_2$

Pathway:

GPCR/G Protein

Target:

Prostaglandin Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

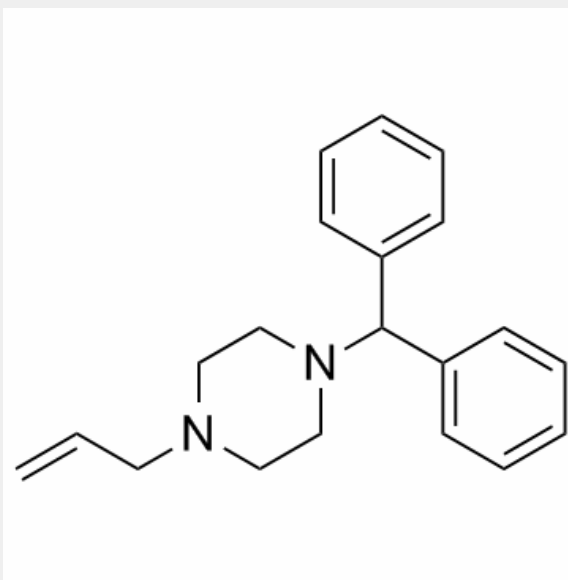
292.42

Product Description

Aligeron is a non-selective **prostaglandin (PG)** antagonist, and has vasodilatory properties.

In Vitro: Aligeron shows a broad spectrum of antagonistic action against different spasmogens in different isolated organs. The experiments on isolated perfused rabbit artery shows the antagonistic action of aligeron against the vasoconstrictor effects of noradrenaline and adrenaline^[1]. The effect of aligeron in vitro lacks selectivity and is probably due to interference with the action of Ca^{2+} ^[3].

In Vivo: In hypoventilation hypoxia, aligeron (5 mg/kg i.v.) and cinnarizine increase cortical resistance to hypoxia and accelerated the recovery of cortical bioelectrical activity. In KCl- and AMP-induced depressions aligeron shows a protective effect manifested in a decrease of the degree and duration of the depression^[2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!