Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

Zaltidine

Catalog No: tcsc1392

Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Specifications

CAS No:
85604-00-8

Formula:
$C_8H_{10}N_6S$

Pathway:
Immunology/Inflammation;GPCR/G Protein

Target:
Histamine Receptor;Histamine Receptor

Purity / Grade:
>98%

Solubility:
10 mM in DMSO

Alternative Names:
CP-57361

Observed Molecular Weight:
222.27

Product Description

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Zaltidine(CP-57361) is a H2-receptor antagonist, which has the antisecretory action.

IC50 Value:

Target: H2 receptor

in vitro:

in vivo: In eight healthy male volunteers single oral doses of 5 mg, 25 mg and 100 mg produced dose-related inhibition of basal and pentagastrin-stimulated acid output (M.A.O.) with an estimated ID50 of 40 mg for the latter. In eight subjects with duodenal ulceration single 100 mg and 200 mg doses produced 85% and 97% inhibition of M.A.O. at peak (3 h post-dose) and 20% and 23% inhibition at 24 h, respectively; inhibition of basal acid output was 97% at 3 h and 50% at 24 h with both doses [1]. One hundred and thirty-five patients were randomly allocated to 4 weeks\' treatment with either 150 mg zaltidine once daily or placebo. Fifty-nine were treated for a full 4 weeks with zaltidine before the trial was stopped. Healing rates after 4 weeks of zaltidine and placebo were 86% and 19%, respectively (p less than 0.001) [2].