

Rebamipide

Catalog No: tcsc2416



Available Sizes

Size: 1g

Size: 5g



Specifications

CAS No:

90098-04-7

Formula:

$C_{19}H_{15}ClN_2O_4$

Pathway:

GPCR/G Protein

Target:

Prostaglandin Receptor

Purity / Grade:

>98%

Solubility:

H₂O :

Alternative Names:

OPC12759;Proamipide

Observed Molecular Weight:

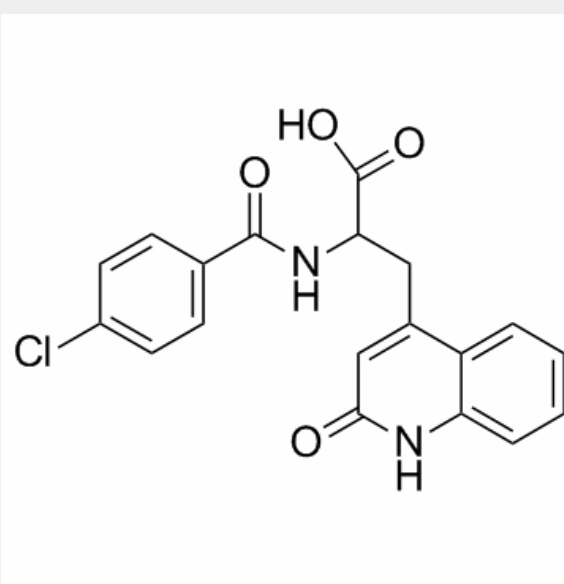
370.79

Product Description

Rebamipide is an inducer of endogenous prostaglandin and a oxygen-derived free radical scavenger.

Target: Others

Rebamipide is the first anti-gastric ulcer and antigastritis drug that not only increases endogenous prostaglandin in gastric mucosa but also scavenges oxygen-derived free radicals and inhibits their production. The inhibitory effect of rebamipide on lipid peroxidation induced by a free radical initiator was also demonstrated by the in vitro system using rat gastric mucosal homogenates. These data indicate that rebamipide offers a potential for protection against reactive oxygen- and activated neutrophil-associated gastric mucosal injury by scavenging hydroxyl radical and inhibiting neutrophil activation or lipid peroxidation [1]. Rebamipide can contribute to the management of patients who are taking NSAIDs or are infected with *H. pylori*. Rebamipide may enhance eradication of *H. pylori*-infection using standard eradication therapy [2]. Rebamipide is beneficial for obtaining a better quality of ulcer healing and reduction of future ulcer relapse [3].



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