

Metiamide

Catalog No: tcsc1294



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

34839-70-8

Formula:

$C_9H_{16}N_4S_2$

Pathway:

Immunology/Inflammation;GPCR/G Protein

Target:

Histamine Receptor;Histamine Receptor

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 2.4 mg/mL (9.82 mM)

Alternative Names:

SK&F 92058

Observed Molecular Weight:

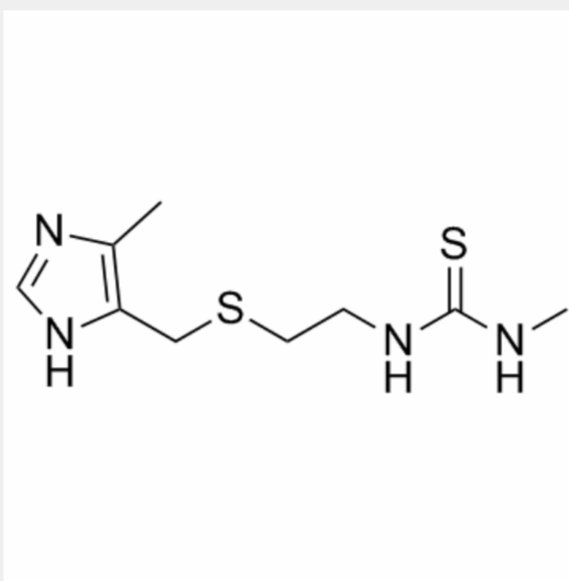
244.38

Product Description

Metiamide (SK&F 92058) is a histamine H₂-receptor antagonist developed from another H₂ antagonist, burimamide.

IC₅₀ & Target: K_i: 0.92 μM (H₂ receptor)

In Vitro: Metiamide (SK&F 92058) is a competitive with aldehyde substrates and noncompetitive with the Human E3 Aldehyde Dehydrogenase coenzyme, binding to both the free E3 isozyme and the enzyme-coenzyme binary complex with K_i values of 0.92 μM glycolaldehyde as the varied substrate^[1]. Data is got as percentage change in GTPase activity induced by metiamide compared with the GTPase activity stimulated by HA (100 μM)^[2].



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