

# BMY-25271

Catalog No: **tcsc0018185**



## Available Sizes

**Size:** 1mg

**Size:** 5mg

**Size:** 10mg



## Specifications

**CAS No:**

78441-82-4

**Formula:**

$C_{12}H_{19}N_5O_2S_2$

**Pathway:**

Immunology/Inflammation;GPCR/G Protein

**Target:**

Histamine Receptor;Histamine Receptor

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

329.44

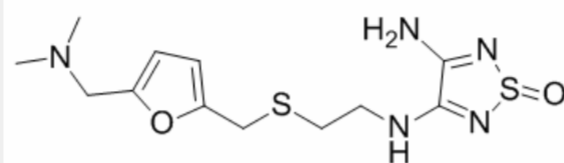
## Product Description

BMY-25271 is a **histamine H2 receptor** antagonist.

IC50 & Target: Histamine H2 receptor<sup>[1]</sup>

**In Vivo:**

BMY-25271 is a histamine H<sub>2</sub> receptor antagonist. The dose response curves are parallel and oral ED<sub>50</sub> values derived from probit analysis are 0.093, 0.97 and 6.9 mg/kg for BMY-25271, ranitidine and cimetidine, respectively. BMY-25271, therefore, is about 10 and 74 times more potent than ranitidine and cimetidine, respectively. Pretreatment with the highest dose of BMY-25271 does not significantly affect the absorption of aspirin or the formation of its major metabolite, salicylic acid<sup>[1]</sup>.



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