

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

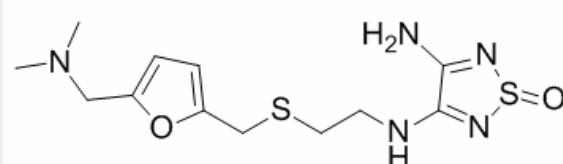
Product Description

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

IC50 & Target: Histamine H2 receptor^[1]

In Vivo:

BMY-25271 is a histamine H₂ receptor antagonist. The dose response curves are parallel and oral ED₅₀ 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^[1].



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