

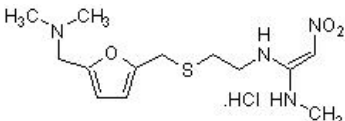
Product datasheet

Ranitidine hydrochloride, Selective H₂ antagonist

ab120738

[1 References](#) [1 Image](#)

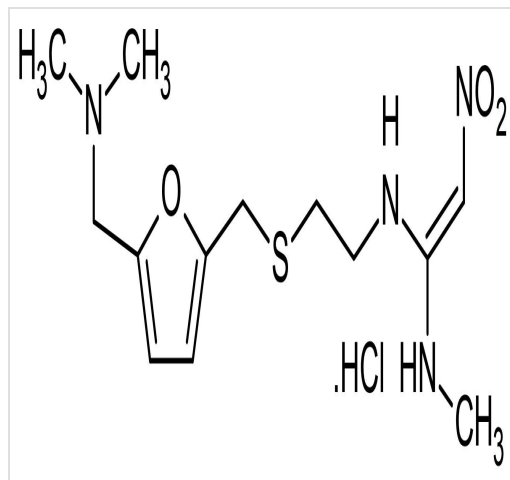
Overview

Product name	Ranitidine hydrochloride, Selective H ₂ antagonist
Description	Selective H ₂ antagonist
Biological description	Potent, competitive and selective H ₂ antagonist (pA ₂ = 6.95 - 7.2). Inhibits gastric acid secretion <i>in vivo</i> .
Purity	> 99%
CAS Number	66357-59-3
Chemical structure	

Properties

Chemical name	N-[2-[[[5-[(Dimethylamino)methyl]-2-furanyl]methyl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethanediamine hydrochloride
Molecular weight	350.86
Molecular formula	C ₁₃ H ₂₂ N ₄ O ₃ S.HCl
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

Images



2D chemical structure image of ab120738, Ranitidine hydrochloride, Selective H₂ antagonist

Chemical Structure - Ranitidine hydrochloride,
Selective H₂ antagonist (ab120738)

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