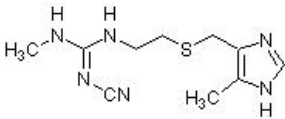


Product datasheet

Cimetidine, Prototypic H<sub>2</sub> antagonist. I<sub>1</sub> agonist  
ab120731

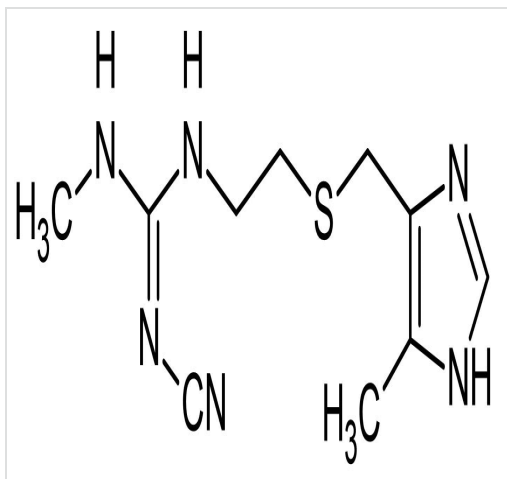
1 Image

Overview

<b>Product name</b>	Cimetidine, Prototypic H <sub>2</sub> antagonist. I <sub>1</sub> agonist
<b>Description</b>	Prototypic H <sub>2</sub> antagonist. I <sub>1</sub> agonist.
<b>Biological description</b>	Prototypic H <sub>2</sub> antagonist. Also an I <sub>1</sub> receptor agonist. Displays antitumor and immunomodulatory activity.
<b>Purity</b>	> 99%
<b>CAS Number</b>	51481-61-9
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	<i>N</i> -Cyano- <i>N'</i> -methyl- <i>N''</i> -[2-[(5-methyl-1 <i>H</i> -imidazol-4-yl)methyl]thio]ethyl]guanidine
<b>Molecular weight</b>	252.34
<b>Molecular formula</b>	C <sub>10</sub> H <sub>16</sub> N <sub>6</sub> S
<b>Storage instructions</b>	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM and in water to 50 mM (with warming)
<b>Handling</b>	<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>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>Source</b>	Synthetic



2D chemical structure image of ab120731, Cimetidine, Prototypic H<sub>2</sub> antagonist. I<sub>1</sub> agonist

Chemical Structure - Cimetidine, Prototypic H<sub>2</sub> antagonist. I<sub>1</sub> agonist (ab120731)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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