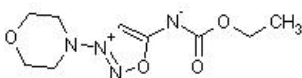


Product datasheet

Molsidomine, Guanylate cyclase activator ab142914

1 Image

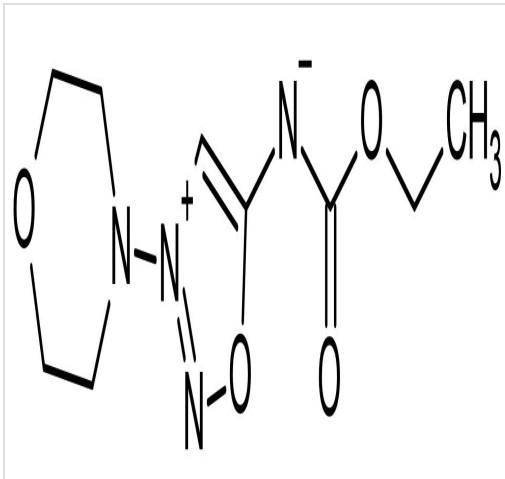
Overview

Product name	Molsidomine, Guanylate cyclase activator
Description	Long-lasting NO donor. Guanylate cyclase activator.
Biological description	Long-lasting NO donor and vasodilator that requires hepatic metabolism for activity. Activates guanylate cyclase.
Purity	> 98%
CAS Number	25717-80-0
Chemical structure	

Properties

Chemical name	(1E)-1-Ethoxy-N-(3-morpholin-4-yloxadiazol-3-ium-5-yl)methanimidate
Molecular weight	242.23
Molecular formula	C ₉ H ₁₄ N ₄ O ₄
PubChem identifier	5353788
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 50 mM, in DMSO to 100 mM and in ethanol 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>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	CCOC(=NC1=C[N+](=NO1)N2CCOCC2)[O-]
Source	Synthetic

Images



Chemical Structure - Molsidomine, Guanylate cyclase activator (ab142914)

2D chemical structure image of ab142914, Molsidomine, Guanylate cyclase activator

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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