

Product datasheet

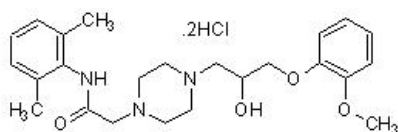
Ranolazine dihydrochloride, Anti-ischemic agent

ab142942

1 Image

Overview

Product name	Ranolazine dihydrochloride, Anti-ischemic agent
Description	Metabolic modulator and membrane stabilizer. Anti-ischemic agent.
Biological description	Novel metabolic modulator and membrane stabilizer. Partial fatty acid oxidation inhibitor. Pyruvate dehydrogenase activator. Shifts myocardial energy metabolism towards glucose for ATP production. Inhibits late I_{Na} and I_{Kr} currents. Anti-ischemic effects <i>in vivo</i> .
Purity	> 99%
CAS Number	95635-56-6
Chemical structure	

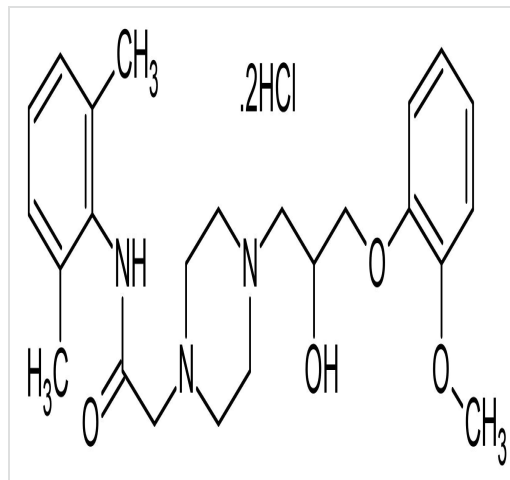


Properties

Chemical name	<i>N</i> -(2,6-Dimethylphenyl)-2-[4-[2-hydroxy-3-(2-methoxyphenoxy)propyl]piperazin-1-yl]acetamide dihydrochloride
Molecular weight	500.46
Molecular formula	C ₂₄ H ₃₃ N ₃ O ₄ ·2HCl
PubChem identifier	71279
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM and in DMSO 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>

SMILESCl.Cl.OC(CN1CCN(CC1)CC(=O)Nc2c(C)cccc2C)COc3ccccc3OC**Source**

Synthetic

Images

2D chemical structure image of ab142942, Ranolazine dihydrochloride, Anti-ischemic agent

Chemical Structure - Ranolazine dihydrochloride,
Anti-ischemic agent (ab142942)

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