

<b>Product Name:</b>	Nitazoxanide
<b>Product Number:</b>	N052
<b>CAS Number:</b>	55981-09-4
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>9</sub> N <sub>3</sub> O <sub>5</sub> S
<b>Molecular Weight:</b>	307.28
<b>Description:</b>	<p>Nitazoxanide is a thiazolid drug used primarily in the treatment of <i>Giardia intestinalis</i> infection in humans. In addition to its antiparasitic activity, it as also demonstrated promise against a broad spectrum of gram-postive and gram-negative bacterial pathogens, including both aerobic and anaerobic species.</p> <p>Nitazoxanide is soluble in DMSO, poorly soluble in ethanol, and practically insoluble in water.</p>
<b>Mechanism of Action:</b>	The mechanism of nitrazoxanide's activity against helminths is not yet known.
<b>References:</b>	<p>Fox, L. M., &amp; Saravolatz, L. D. (2005). Nitazoxanide: A new Thiazolide Antiparasitic agent. <i>Clinical Infectious Diseases</i>, 40(8), 1173–1180. doi:10.1086/428839</p>