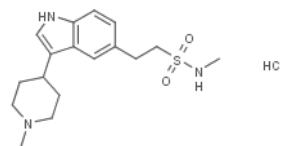


<b>Product Name</b>	: Naratriptan
<b>Synonyms</b>	: Naratriptan HCl; Amerge; Naramig; GR-85548A
<b>Cat No.</b>	: M18015
<b>CAS Number</b>	: 143388-64-1
<b>Molecular Formula</b>	: C <sub>17</sub> H <sub>25</sub> N <sub>3</sub> O <sub>2</sub> S·HCl
<b>Formula Weight</b>	: 371.93
<b>Chemical Name</b>	: N-Methyl-2-[3-(1-methylpiperidin-4-yl)-1H-indol-5-yl]ethanesulfonamide hydrochloride
<b>Description</b>	<p>Naratriptan Hydrochloride is the hydrochloride salt form of naratriptan, a sulfonamide with selective serotonin (5-HT) 1 receptor agonistic activity and anti-migraine property. Naratriptan hydrochloride binds selectively and with high affinity to the 5-HT<sub>1D</sub> and 5-HT<sub>1B</sub> receptor subtypes. Activation of these 5-HT<sub>1D/B</sub> receptors located on intracranial blood vessels leads to vasoconstriction and provides relief of migraine headaches. Naratriptan hydrochloride may also exerts its effect by stimulation of 5-HT<sub>1D/1B</sub> receptors on sensory nerve endings in the trigeminal system thereby decreasing the release of pro-inflammatory neuropeptides.</p>
<b>Pathway</b>	: Others
<b>Target</b>	: Other Targets
<b>Receptor</b>	: 5-HT <sub>1</sub>
<b>Solubility</b>	: DMSO : ≥ 35 mg/mL; 94.10 mM
<b>SMILES</b>	: <chem>CNS(=O)(=O)CCc1cc2c(cc1)[nH]cc2C1CCN(CC1)C.Cl</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:



I.Sattar M, Hadgraft J, Lane ME.Int J Pharm. 2015 Sep 30;493(1-2):146-51.