

<b>Product Name:</b>	Etamsylate
<b>Product Number:</b>	E045
<b>CAS Number:</b>	2624-44-4
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>17</sub> NO <sub>5</sub> S
<b>Molecular Weight:</b>	263.31
<b>Form:</b>	crystalline powder
<b>Appearance:</b>	white to almost white crystalline powder
<b>Solubility:</b>	soluble in water and DMSO
<b>Source:</b>	synthetic
<b>Storage Conditions:</b>	2-8°C
<b>Description:</b>	Etamsylate is a haemostatic agent, used to arrest blood flow at the capillary level. It has antihemorrhagic properties. The compound is soluble in water.
<b>Mechanism of Action:</b>	Etamsylate acts on the first step of hemostasis by improving platelet adhesiveness and restoring capillary resistance. Recent studies showed that Ethamsylate promotes P-selectin-dependent, platelet adhesive mechanisms.
<b>References:</b>	Alvarez-Guerra M et al (2002) The hemostatic agent ethamsylate enhances P-selectin membrane expression in human platelets and cultured endothelial cells. Thromb. Res. 107(6):329-335 PMID 12565720 Garay RP, Chiavaroli C, and Hannaert P (2006) Therapeutic efficacy and mechanism of action of ethamsylate, a long-standing hemostatic agent. Am J Ther. 13(3):236-247 PMID 16772766