



LKT Laboratories, Inc.

Tranexamic Acid

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Product Information

Product ID T6811

CAS No. 1197-18-8

Chemical Name Cyclohexanecarboxylic acid, 4-(aminomethyl)-, trans-

Synonym Tranexan, Tranex, Transamin, Hexatron, Spiramin, Rikavarin, Ugurol, Trasamlon.

Formula $C_8H_{15}NO_2$

Formula Wt. 157.21

Melting Point 386-392°C

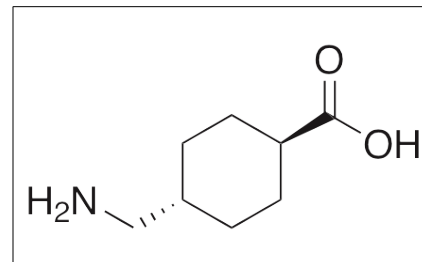
Purity ≥98%

Solubility Soluble in water (125mg/mL). Very slightly soluble in alcohol, DMSO or ether.

Store Temp Ambient

Ship Temp Ambient

Description Tranexamic acid is clinically used to decrease blood loss in cardiac surgery and trauma; it inhibits plasmin/plasminogen. In vivo, tranexamic acid inhibits fibrinolysis, decreases bleeding time, and increases thrombus formation. Additionally, tranexamic acid accelerates skin barrier recovery and upregulates occluding expression in UV-damaged skin.



Bulk quantities available upon request

| Product ID | Size |
|------------|------|
| T6811 | 5 g |
| T6811 | 10 g |
| T6811 | 50 g |

References Yuan C, Wang XM, Yang LJ, et al. Tranexamic acid accelerates skin barrier recovery and upregulates occludin in damaged skin. *Int J Dermatol*. 2013 Aug 22. [Epub ahead of print]. PMID: 23967870.

Sperzel M, Huetter J. Evaluation of aprotinin and tranexamic acid in different in vitro and in vivo models of fibrinolysis, coagulation and thrombus formation. *J Thromb Haemost*. 2007 Oct;5(10):2113-8. PMID: 17666018.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.