

Tranexamic acid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Tranexamic acid

Catalog No.: CFN90569

Cas No.: 1197-18-8

Purity: >=98%

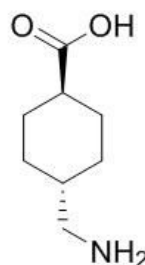
M.F: C₈H₁₅NO₂

M.W: 157.21

Physical Description: Powder

Synonyms: trans-4-Aminomethylcyclohexane-1-carboxylate; Amstat;

trans-Cyclohexanecarboxylic acid; trans-4-(Aminomethyl)cyclohexanecarboxylic acid.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[Source]

The leaves of *Ginkgo biloba* L.

[Biological Activity or Inhibitors]

High-dose tranexamic acid significantly reduces intraoperative blood loss and perioperative donor exposure in patients with end-stage parenchymal liver disease who are undergoing orthotopic liver transplantation, with marked reductions in platelet and cryoprecipitate requirements.^[1]

Tranexamic acid can safely reduce the risk of death in bleeding trauma patients, it should be considered for use in bleeding trauma patients.^[2]

Tranexamic acid has hemostatic effect, that local antifibrinolytic therapy is effective in preventing bleeding after oral surgery in patients who are being treated with anticoagulants. ^[3]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[4]

Mobile phase: Acetonitrile- 0.1 M Ammonium acetate (pH 5.0)=25:75 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 232 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Boylan J F, Klinck J R, Sandler A N, *et al. Anesthesiology*, 1996, 85(5):A30-1.

[2] Collaborators C 2 T, Shakur H, Roberts I, *et al. W. Indian Med. J.*, 2010, 59(59):612-24.

[3] Sindet-Pedersen S, Ramström G, Bernvil S, *et al. New Eng. J. Med.*, 1989, 320(13):840-3.

[4] Ashfaq M, Aslam A, Mustafa G, *et al. Bioresource Technol.*, 2011, 102(2):1656-62.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com