



LKT Laboratories, Inc.

Acipimox

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## Product Information

Product ID A0833

CAS No. 51037-30-0

Chemical Name 5-Methylpyrazinecarboxylic acid 4-oxide

Synonym

Formula  $C_6H_6N_2O_3$

Formula Wt. 154.12

Melting Point 177-180°C

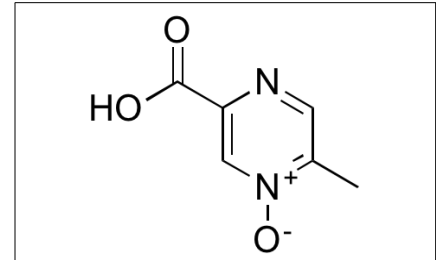
Purity  $\geq 98\%$

Solubility Water 20 mg/mL

Store Temp Ambient

Ship Temp Ambient

**Description** Acipimox is a niacin derivative that acts as an anti-hyperlipidemic. Acipimox decreases levels of triglycerides, LDL, and free fatty acids, and increases levels of HDL. Acipimox decreases cAMP levels and AMPK activity, suppressing lipolysis by lipase.



**Bulk quantities available upon request**

Product ID	Size
A0833	1 g
A0833	5 g
A0833	10 g

**References** Møller N, Gormsen LC, Schmitz O, et al. Free fatty acids inhibit growth hormone/signal transducer and activator of transcription-5 signaling in human muscle: a potential feedback mechanism. *J Clin Endocrinol Metab.* 2009 Jun;94(6):2204-7. PMID: 19276230.

Christie AW, McCormick DK, Emmison N, et al. Mechanism of anti-lipolytic action of acipimox in isolated rat adipocytes. *Diabetologia.* 1996 Jan;39(1):45-53. PMID: 8720602.

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