



LKT Laboratories, Inc.
Ractopamine Hydrochloride

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Product Information

Product ID R0110

CAS No. 90274-24-1

Chemical Name 4-[3-[2-Hydroxy-2-(4-hydroxyphenyl)ethyl]aminobutyl]phenol hydrochloride

Synonym

Formula C₁₈H₂₃NO₃ · HCl

Formula Wt. 337.84

Melting Point 165-167°C

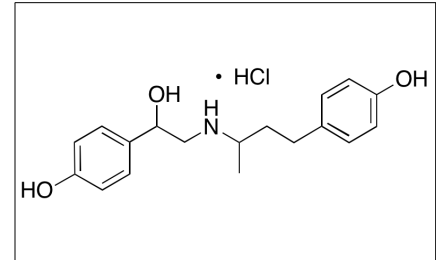
Purity ≥97%

Solubility Methanol, DMSO. Soluble in water to 31 mg/mL.

Store Temp Ambient

Ship Temp Ambient

Description Ractopamine is an agonist at β_{1/2}-adrenergic receptors that is used in livestock to increase muscle mass and decrease body fat. In vivo, administration of ractopamine decreases retroperitoneal and epididymal/parametrial fat mass and increases adipose tissue apoptosis.



Bulk quantities available upon request

Product ID	Size
R0110	1 g
R0110	5 g

References Salem M, Levesque H, Moon TW, et al. Anabolic effects of feeding beta2-adrenergic agonists on rainbow trout muscle proteases and proteins. *Comp Biochem Physiol A Mol Integr Physiol.* 2006 Jun;144(2):145-54. PMID: 16580855.

Page KA, Hartzell DL, Li C, et al. beta-Adrenergic receptor agonists increase apoptosis of adipose tissue in mice. *Domest Anim Endocrinol.* 2004 Jan;26(1):23-31. PMID: 14732450.

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