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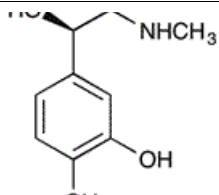
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	32437
Product	(-)-Epinephrine L-Adrenaline (-)-Adrenalin
CAS Number	51-43-4
Molecular Formula	C ₉ H ₁₃ NO ₃
Molecular Weight	183.21
Appearance	White or almost white crystalline powder
Sensitivity	≥ 10 (Signal to noise ratio)
Optical Rotation	[α] _{D20} = -50.0 to -53.5 °
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 1%
Related Substances	Epinephrine methoxy analog : ≤ 0.1% N-Benzylepinephrine : ≤ 0.1% N-Benzyl Adrenalone : ≤ 0.1% Any individual impurity : ≤ 0.1% Total impurities : ≤ 0.5%
Residue On Ignition	≤ 0.1%
Assay	98 - 102%
Other Enantiomer	≤ 3%
Chiral Purity	≥ 97% (ee)
Grade	Meets USP specification
Storage	Store at 2 - 8 °C
Additional Information	Norepinephrine : ≤ 0.1% Epinephrine sulfonate : ≤ 0.2% Oxedrine : ≤ 0.1% Adrenalone : ≤ 0.2% Epinine : ≤ 0.1%

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For Laboratory Use Only