

Losartan potassium impurity E

Chemical Properties

CAS No.:	120568-11-8
Formula:	C ₁₄ H ₁₂ N ₄
Molecular Weight:	236.27
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Losartan potassium impurity E is a compound of Valsartan impurity.
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Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.232 mL	21.162 mL	42.324 mL
5 mM	0.846 mL	4.232 mL	8.465 mL
10 mM	0.423 mL	2.116 mL	4.232 mL
50 mM	0.085 mL	0.423 mL	0.846 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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2. Kirchheiner J, Tsafrir M, Jabrane W, Roots I, Brockmöller J. The CYP2C9 polymorphism: from enzyme kinetics to clinical dose recommendations. *Per Med*. 2004 Dec;1(1):63-84. doi: 10.1517/17410541.1.1.63. PubMed PMID: 29793229.
3. Collado A, Marques P, Escudero P, Rius C, Domingo E, Martínez-Hervás S, Real JT, Ascaso JF, Piqueras L, Sanz MJ. Functional role of endothelial CXCL16/CXCR6-platelet-leukocyte axis in angiotensin II-associated metabolic disorders. *Cardiovasc Res*. 2018 May 23. doi: 10.1093/cvr/cvy135. [Epub ahead of print] PubMed PMID: 29800106.
4. Wei YL, Du HJ, Lin YP, Wu ML, Xu RA. Effects of salidroside on rat CYP enzymes by a cocktail of probe drugs. *Iran J Basic Med Sci*. 2018 Apr;21(4):422-426. doi: 10.22038/IJBMS.2018.26106.6414. PubMed PMID: 29796228; PubMed Central PMCID: PMC5960761.

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