

Product datasheet

Losartan potassium, non-peptide angiotensin II AT₁ receptor antagonist ab120997

[4 References](#) [1 Image](#)

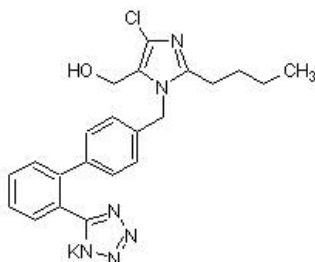
Overview

Product name	Losartan potassium, non-peptide angiotensin II AT ₁ receptor antagonist
Description	Selective non-peptide angiotensin II AT ₁ receptor antagonist
Biological description	Selective non-peptide angiotensin II type 1 (AT ₁) receptor antagonist (K _i = 10 nM). Blocks classical actions of angiotensin II (ab120183). Displays antihypertensive action and downregulates TFG-β regulation. Active <i>in vivo</i> .

Purity > 99%

CAS Number 124750-99-8

Chemical structure



Properties

Chemical name	2-Butyl-4-chloro-1-[[2'-(2H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-1H-imidazole-5-methanol potassium salt
Molecular weight	461.01
Molecular formula	C ₂₂ H ₂₂ ClKN ₆ O
PubChem identifier	11751549
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM and in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room

temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

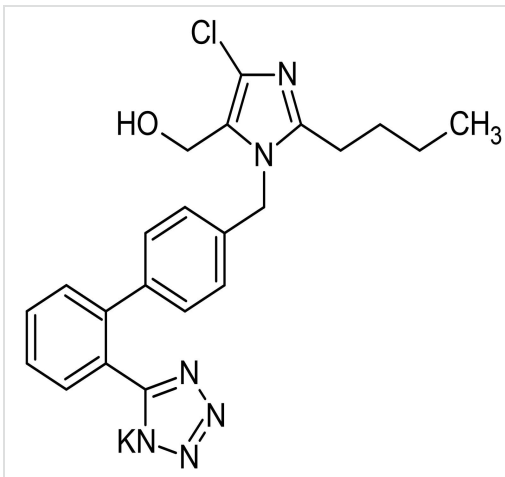
SMILES

[K]n4nnc4c1cccc1c3ccc(Cn2c(CO)c(Cl)nc2CCCC)cc3

Source

Synthetic

Images



2D chemical structure image of ab120997, Losartan potassium, non-peptide angiotensin II AT₁ receptor antagonist

Chemical Structure - Losartan potassium, non-peptide angiotensin II AT₁ receptor antagonist (ab120997)

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