

Fosinopril (sodium)

Catalog No: tcsc2454



Available Sizes

Size: 50mg

Size: 100mg



Specifications

CAS No:

88889-14-9

Formula:

$C_{30}H_{45}NNaO_7P$

Pathway:

Metabolic Enzyme/Protease

Target:

Angiotensin-converting Enzyme (ACE)

Purity / Grade:

>98%

Solubility:

H₂O : ≥ 20 mg/mL (34.15 mM)

Alternative Names:

SQ28555

Observed Molecular Weight:

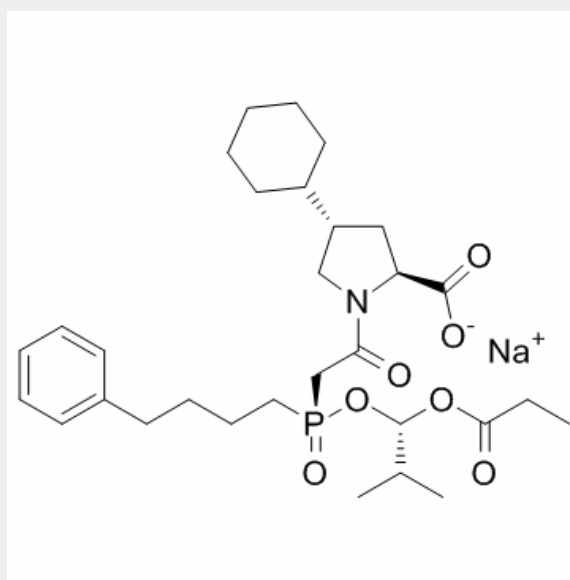
585.64

Product Description

Fosinopril Sodium is the ester prodrug of an angiotensin-converting enzyme (ACE) inhibitor, used for the treatment of hypertension and some types of chronic heart failure.

Target: ACE

Fosinopril is a phosphinic acid-containing ester prodrug that belongs to the angiotensin-converting enzyme (ACE) inhibitor class of medications. It is rapidly hydrolyzed to fosinoprilat, its principle active metabolite. Fosinoprilat inhibits ACE, the enzyme responsible for the conversion of angiotensin I (ATI) to angiotensin II (ATII). ATII regulates blood pressure and is a key component of the renin-angiotensin-aldosterone system (RAAS). Fosinopril may be used to treat mild to moderate hypertension, as an adjunct in the treatment of congestive heart failure, and to slow the rate of progression of renal disease in hypertensive individuals with diabetes mellitus and microalbuminuria or overt nephropathy [1-3].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!