

Spironolactone

Catalog No: tcsc2670



Available Sizes

Size: 1g

Size: 5g



Specifications

CAS No:

52-01-7

Formula:

$C_{24}H_{32}O_4S$

Pathway:

Others;Autophagy

Target:

Androgen Receptor;Autophagy

Purity / Grade:

>98%

Solubility:

H2O :

Alternative Names:

SC9420

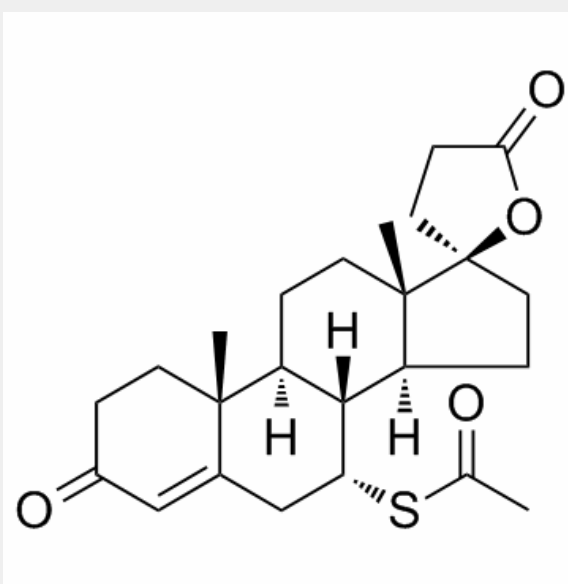
Observed Molecular Weight:

416.57

Product Description

Spironolactone is a potent antagonist of the androgen receptor.

Spirolactone is a potassium sparing diuretic that acts by antagonism of aldosterone in the distal renal tubules. It is used mainly in the treatment of refractory edema in patients with congestive heart failure, nephrotic syndrome, or hepatic cirrhosis. Its effects on the endocrine system are utilized in the treatments of hirsutism and acne but they can lead to adverse effects. 5% topical spironolactone cream acts as an antiandrogen in human sebaceous glands, competing with DHT receptors and producing a decrease of labelled DHT. At the concentrations used the effect has been only local. No side-effects were recorded during both studies [1]. Patients who received spironolactone had a significant improvement in the symptoms of heart failure, as assessed on the basis of the New York Heart Association functional class (P



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