

Antipyrine

Catalog No: tcsc2044



Available Sizes

Size: 50mg

Size: 100mg



Specifications

CAS No:

60-80-0

Formula:

$C_{11}H_{12}N_2O$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Phenazone;Phenazon

Observed Molecular Weight:

188.23

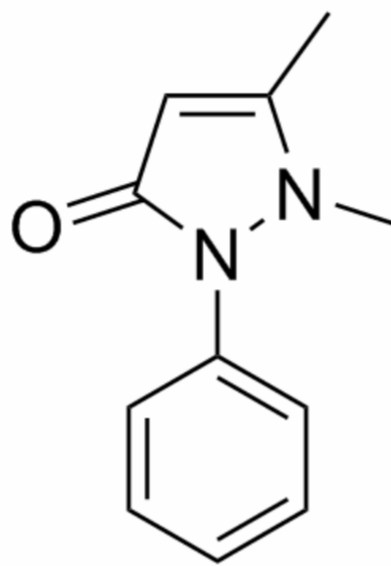
Product Description

Antipyrine is an analgesic and antipyretic agent.

Target: Others

Antipyrine is an analgesic and antipyretic that has been given by mouth and as ear drops. Antipyrine is often used in testing the effects of other drugs or diseases on drug-metabolizing enzymes in the liver.

Antipyrine was one of the first important synthetic drugs. antipyrine went into widespread clinical use as an antipyretic the same year it was synthesized. Two years after its introduction, reports began to appear of its analgesic effects and in the succeeding years, as the use of antipyrine as an antipyretic declined, it gained considerable popularity as an analgesic. The plasma half-life of antipyrine is significantly longer and the clearance significantly lower in the elderly group. This finding of an impaired metabolism of antipyrine in the elderly has since been confirmed in a much larger study and subsequently other drugs have been shown to be metabolized more slowly in this age group [1].



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