## SANTA CRUZ BIOTECHNOLOGY, INC.

# Imipramine (052): sc-57878



## BACKGROUND

Imipramine is a tricyclic antidepressant (TCA) that is a member of the dibenzazepine group. It is mainly used in the treatment of clinical depression and enuresis. Imipramine is a tertiary amine that blocks the reuptake of serotonin more effectively than most secondary amine tricyclics. This drug has a molecular weight of 280.407 g/mol, and once in the body, Imipramine is converted to desipramine. Common side effects of this drug include tremors, dry mouth, blurred vision, constipation, insomnia, drowsiness, perspiration, flushing and weight gain. Cardiac and neurological disturbances may occur as a result of overdose.

#### REFERENCES

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## SOURCE

Imipramine (052) is a mouse monoclonal antibody raised against Imipramine conjugated to KLH.

## PRODUCT

Each vial contains 100  $\mu g~lg G_{2b}$  in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

#### APPLICATIONS

Imipramine (052) is recommended for detection of Imipramine by solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

## **STORAGE**

Store at 4° C, \*\*DO NOT FREEZE\*\*. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## **RESEARCH USE**

For research use only, not for use in diagnostic procedures.

## PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.