

A WAY OUT

WITH

**BEMZIRE**

Bempedoic Acid 180 mg Tablets

# BEMZIRE

Bempedoic Acid 180 mg Tablets

## DESCRIPTION:

**BEMZIRE** is available as Film coated tablet of Bempedoic acid 180 mg. It is a first-in-class oral adenosine triphosphate (ATP) citrate lyase inhibitor being evaluated as an additional treatment option for high-risk patients requiring further reduction in LDL-C.

## INDICATION:

**BEMZIRE** is indicated as an adjunct to diet and maximally tolerated statin therapy for the treatment of adults with heterozygous familial hypercholesterolemia or established atherosclerotic cardiovascular disease who require additional lowering of LDL-C.

## MECHANISM OF ACTION:

Bempedoic acid is administered as a prodrug that is converted to its active moiety primarily in the liver and inhibits adenosine triphosphate citrate lyase (ACL).

- ✓ An enzyme two steps upstream from HMG-CoA reductase along the cholesterol biosynthesis pathway, thereby effectively reducing cholesterol synthesis.
- ✓ Resulting in LDL receptor upregulation.
- ✓ Increased clearance of LDL from the bloodstream.

## USP:

- ✓ Reduce LDL-C in patients taking maximally tolerated statins.
- ✓ Manage LDL-C levels in those who are unable to take statins.
- ✓ Being absent in adipose tissue and muscle cells, its potential myotoxic effect is very limited, unlike statins.
- ✓ Oral, Once-daily.

## DOSAGE AND ADMINISTRATION:

The recommended dosage of **BEMZIRE**, in combination with maximally tolerated statin therapy, is 180 mg administered orally once daily. **BEMZIRE** can be taken with or without food.

## PRESENTATION:




**BEMZIRE** is available as 10 tablets in a strip.

### References:

1. *Am J Health Syst Pharm.* 2021 Jan 5;78(2):95-104
2. *J Am Heart Assoc.* 2019;8:e011662.
3. 2021 May;33 Suppl 1:53-57 doi: 10.1016/j.arteri.2021.02.012.

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