

Mefenamic Acid

Mefenamic Acid is a non-steroidal anti-inflammatory drug used to treat pain, including menstrual pain. It is typically prescribed for oral administration.

Mefenamic acid decreases inflammation (swelling) and uterine contractions by a still unknown mechanism. However it is thought to be related to the inhibition of prostaglandin synthesis. There is also evidence that supports the use of mefenamic acid for perimenstrual migraine headache prophylaxis, with treatment starting 2 days prior to the onset of flow or 1 day prior to the expected onset of the headache and continuing for the duration of menstruation.

Since hepatic metabolism plays a significant role in mefenamic acid elimination, patients with known liver deficiency may be prescribed lower doses. Kidney deficiency may also cause accumulation of the drug and its metabolites in the excretory system.

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| Product Name : | MEFENAMIC ACID |
| CAS No. | 61-68-7 |
| Molecular Formula | $C_{15}H_{15}NO_2$ |
| Molecular Weight | 241.285 gm/mol |
| Description | White to grayish white Powder |
| Assay on Dry Basis | 99 % |
| Solubility | Sparingly soluble in diethylether, Slightly soluble in alcohol & Chloroform, Partially soluble in water. |