

# FLUPINEX-TH4 TABLETS

Flupirtine Maleate 100 mg + Thiocolchicoside I.P. 4 mg

"Dual Action: Central Analgesia with Muscle Relaxation"

**Marketed by:** Human Orthocare

A Subsidiary of Human Biolife India Pvt. Ltd.

[www.humanorthocare.com](http://www.humanorthocare.com)





## Product Overview

### Composition (per tablet)

- Flupirtine Maleate – 100 mg
- Thiocolchicoside I.P. – 4 mg

### Key Features

- Flupirtine: non-opioid, centrally acting analgesic with muscle relaxant effect
- Thiocolchicoside: GABA-ergic muscle relaxant with anti-spasmodic action
- Dual relief → *Pain + Spasm* management
- Safer gastric & renal profile vs NSAIDs





# Mechanism of Action



## Flupirtine

- Selective neuronal potassium channel opener (SNEPCO)
- Indirect NMDA antagonist → prevents central sensitisation
- Provides analgesia + muscle relaxation



## Thiocolchicoside

- Binds to GABA-A & glycine receptors → reduces muscle hyperexcitability
- Relieves stiffness & contractures
- Non-sedating profile



## Result

Comprehensive relief in painful musculoskeletal conditions with spasm





# Indications

Flupinex-TH4 Tablets are recommended for:

- **Chronic low back pain with stiffness**
- **Cervical & lumbar spondylosis**
- **Osteoarthritis with muscle spasm**
- **Post-traumatic musculoskeletal pain**
- **Sciatica & neuropathic pain with stiffness**
- **Sports injuries with muscle spasm**

# Clinical Advantages



## Dual Action

Central analgesic + peripheral muscle relaxant



## Safety Profile

Non-opioid, non-NSAID → safer gastric, renal & CV profile



## Non-Sedating

Better daily compliance for working patients



## Versatile

Suitable for chronic & neuropathic pain with spasm



## Quality of Life

Improves quality of life in neuro-ortho patients



# Comparison with Other Combinations

Parameter	Flupinex-TH4 (Flupirtine + TH)	Aceclo + TH	NSAIDs Alone
Analgesic Effect	✓ Central + Neuropathic	✓ Peripheral	⚠ Limited
Muscle Relaxation	✓ Yes (TH)	✓ Yes	✗ No
GI/Renal Safety	✓ Higher	⚠ Moderate	✗ Poor
Sedation Risk	✗ Non-sedating	✗ Low	✗ No

# Dosage & Administration



1

## Standard Dosage

**1 Tablet twice daily after meals**  
Or as directed by physician

2

## Important Precautions

- ⚠ **Do not exceed 400 mg/day of Flupirtine**
- ⚠ Monitor LFTs in long-term use



# Safety & Tolerability

## Generally Well-Tolerated

### Possible side effects:

- Mild dizziness, fatigue (Flupirtine)
- Rare gastric upset
- Very rare hepatotoxicity with prolonged therapy

## Contraindications

- Severe hepatic impairment
- Pregnancy & lactation
- Hypersensitivity to Flupirtine or Thiocolchicoside





## Why Prescribe Flupinex-TH4?

### Doctor's Choice For:



#### Dual Relief

Pain + spasm management in one tablet



#### Safety First

Safer gastric/renal profile vs NSAIDs



#### Central Action

Useful in neuropathic pain conditions



#### Non-Sedating

Better compliance in working patients



#### Trusted Quality

Backed by Human Orthocare trust & quality





## Contact Us

Step into care that moves you forward.

Use with clinical discretion, especially in high-risk orthopedic conditions.

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**For medical queries or collaboration:**

 [www.humanorthocare.com](http://www.humanorthocare.com)