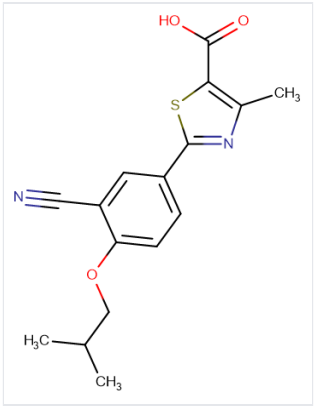
# Febuxostat (FBX)

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | Febuxostat, Biochemical |
| **Full Product Name** | Febuxostat |
| **Product Synonym Names** | FBX; TEI 6720; TMX 67 |
| **Purity/Purification** | >98% (HPLC) |
| **Preparation and Storage** | Store at -20 degree C<br>Stability: >=2 years<br>Shipping: Ice Pack |
| **Molecular Weight** | 316.37 |
| **Suitability** | DMSO: 63mg/mL (199.13mM) |
| **Target** | ROS |
| **Receptor** | XO |
| **Chemical Name** | 2-(3-cyano-4-isobutoxyphenyl)-4-methylthiazole-5-carboxylic acid |
| **SMILES** | O=C(C1=C(C)N=C(C2=CC=C(OCC(C)C)C(C#N)=C2)S1)O |
| **Molecular Formula** | C16H16N2O3S |
| **CAS Number** | 144060-53-7 |
| **Product Categories/Family for Febuxostat biochemical** | Immunology/Inflammation; Metabolic Disease |
| **Related Product Information for Febuxostat biochemical** | Febuxostat is a Xanthine Oxidase Inhibitor. The mechanism of action of febuxostat is as a Xanthine Oxidase Inhibitor. |
| **Product References and Citations for Febuxostat biochemical** | 1. Yasuhiro Takano, et al. Life Sciences, 2005 Mar 4; 76 (16):1835-47 |
| **Other Notes** | Small volumes of Febuxostat biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for Febuxostat purchase** | MBS3601869 is a biochemical targeting Febuxostat. |




**Structure of Febuxostat biochemical**

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/biochemical/febuxostat/3601869