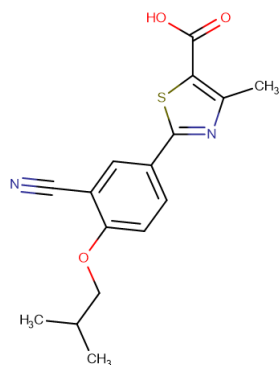


Product Name : Febuxostat
Synonyms : FBX; TEI 6720; TMX 67
Cat No. : M11869
CAS Number : 144060-53-7
Molecular Formula : C₁₆H₁₆N₂O₃S
Formula Weight : 316.37



Chemical Name : 2-(3-cyano-4-isobutoxyphenyl)-4-methylthiazole-5-carboxylic acid
Description : Febuxostat is a Xanthine Oxidase Inhibitor. The mechanism of action of febuxostat is as a Xanthine Oxidase Inhibitor.
Pathway : Immunology/Inflammation
Target : ROS
Receptor : XO
Solubility : DMSO: 63 mg/mL (199.13 mM)
SMILES : O=C(C1=C(C)N=C(C2=CC=C(C(OC(C)C)C(C#N)=C2)S1)O
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Yasuhiro Takano, et al. Life Sciences, 2005 Mar 4; 76(16):1835-47