

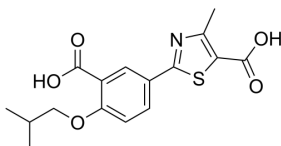
## Febuxostat dicarboxylic acid impurity

Cat. No.: HY-131272  
CAS No.: 1239233-87-4  
Batch No.: 279660  
Chemical Name: 5-Thiazolecarboxylic acid, 2-[3-carboxy-4-(2-methylpropoxy)phenyl]-4-methyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>16</sub>H<sub>17</sub>NO<sub>5</sub>S  
Molecular Weight: 335.37  
Storage: Powder -20°C 3 years  
In solvent -80°C 6 months  
-20°C 1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.76%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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