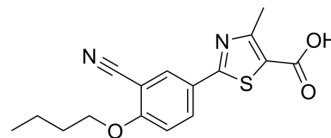


## Febuxostat n-butyl isomer

Cat. No.:	HY-131266
CAS No.:	1657014-33-9
Molecular Formula:	C <sub>16</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	316.37
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Febuxostat n-butyl isomer is an impurity of Febuxostat. Febuxostat is selective xanthine oxidase inhibitor with a K<sub>i</sub> of 0.6 nM [1].

### REFERENCES

[1]. Mayer MD, et al. Pharmacokinetics and pharmacodynamics of febuxostat, a new non-purine selective inhibitor of xanthine oxidase in subjects with renal impairment. Am J Ther. 2005;12(1):22-34.

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

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