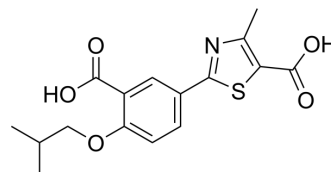


Febuxostat dicarboxylic acid impurity

Cat. No.:	HY-131272		
CAS No.:	1239233-87-4		
Molecular Formula:	C ₁₆ H ₁₇ NO ₅ S		
Molecular Weight:	335.37		
Target:	Drug Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (745.45 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.9818 mL	14.9089 mL	29.8178 mL
5 mM	0.5964 mL	2.9818 mL	5.9636 mL
10 mM	0.2982 mL	1.4909 mL	2.9818 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Febuxostat dicarboxylic acid impurity is an impurity of Febuxostat. Febuxostat is selective xanthine oxidase inhibitor with a K_i of 0.6 nM^[1].

REFERENCES

[1]. Sunitha.P.G, et al. A Validated Stability Indicating HPTLC method for analysis of Febuxostat and Characterization of degradation product.

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

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