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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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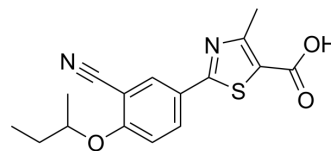
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Febuxostat sec-butoxy acid

Cat. No.:	HY-131267		
CAS No.:	1335202-59-9		
Molecular Formula:	C ₁₆ H ₁₆ N ₂ O ₃ S		
Molecular Weight:	316.37		
Target:	Drug Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (316.09 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1609 mL	15.8043 mL	31.6086 mL
	5 mM	0.6322 mL	3.1609 mL	6.3217 mL
	10 mM	0.3161 mL	1.5804 mL	3.1609 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (7.90 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (7.90 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (7.90 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

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

REFERENCES

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

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