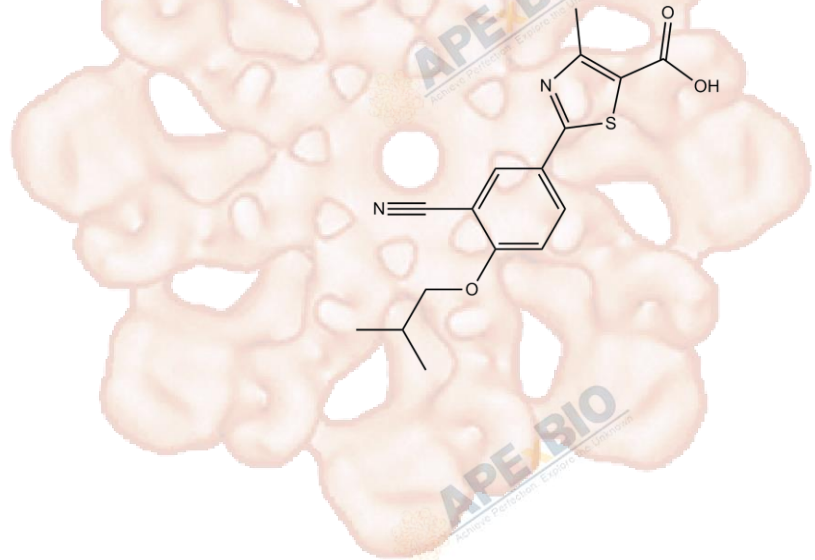


Product Data Sheet

Febuxostat

Cat. No.:	A5926
CAS No.:	144060-53-7
Formula:	C ₁₆ H ₁₆ N ₂ O ₃ S
M.Wt:	316.37
Synonyms:	
Target:	Others
Pathway:	XAO
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥15.55 mg/mL in DMSO; ≥15.95 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		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.

Biological Activity

Shortsummary

non-purine selective inhibitor of xanthine oxidase

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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