

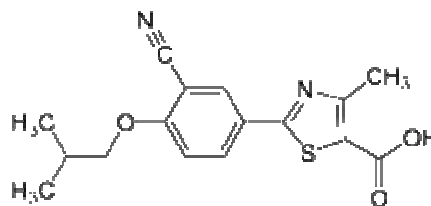
<input type="checkbox"/> Cat # ABT-740-001	Febuxostat	Size: 50 mg
<input type="checkbox"/> Cat # ABT-740-002	Febuxostat	Size: 250 mg

### General Information

Febuxostat is an inhibitor of xanthine oxidase that is indicated for use in the treatment of hyperuricemia and gout.

A study comparing febuxostat to allopurinol found that more individuals treated with febuxostat had decreased levels of uric acid, but there was no difference in the amount of initial gout flares or the surface area of gout tophi.

A committee of the British National Institute for Health and Clinical Excellence concluded that although febuxostat had been shown to be more effective than fixed-dose (300mg) allopurinol in lowering serum uric acid concentration, it had not been shown to be clinically or cost effective compared with the more appropriate comparator of allopurinol increased as required to control uric acid levels (up to 900mg). However, it recommended febuxostat for people who are intolerant of allopurinol.



Molecular Formula:  
C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>S  
Molecular Weight:  
316.37 g/mol

### Certificate of Analyses

Items	Specifications	Results
Description	White crystalline powder	Complied
Identification	IR and HPLC	Confirmed
Loss on Drying	<1%	0.1%
Heavy metals	<10 ppm	Complied
Residue on ignition	<0.1%	0.08%
Melting range	205°C-209°C	207°C
Solubility	DMSO, sparingly soluble in ethanol, acetone, and 0.1M NaOH, practically insoluble in water and 0.1M HCl	Confirmed
Related substances	<0.2% total <1%	0.09% and 0.2%
Assay HPLC	>99%	99.8%
Batch Results		Passed

This item is for in vitro research use only. Not to be used for human studies.

ABT-740-001                      120118A

### India Contact:

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