
Product Data Sheet

Product Name: Febuxostat impurity 7

Cat. No.: GC69098

Chemical Properties

Cas. No. 1350352-70-3

Formula $C_{16}H_{18}N_2O_4S$

M.Wt 334.39

Solubility DMSO : 250 mg/mL (747.63 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Febuxostat impurity 7 is an impurity of Febuxostat. Febuxostat is selective xanthine oxidase inhibitor with a K_i of 0.6 nM^[1].

[1]. Manne Satyanarayana Reddy, et al. Process for preparation of 2-[3-cyano-4-(2-methylpropoxy)phenyl]-4-methylthiazole-5-carboxylic acid and its pharmaceutically acceptable salts. WO2011141933A2.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
