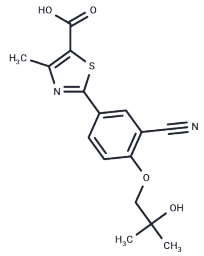
Data Sheet (Cat.No.T69282)

TargetMol

Febuxostat 67M-2

Chemical Properties



CAS No. : 407582-47-2

Formula: C16H16N2O4S

Molecular Weight: 332.37

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Febuxostat 67M-2 is a derivative of Febuxostat 67M-1, which is a xanthine oxidase inhibitor. Febuxostat 67M-2 reduces the production of uric acid in the body and is used to lower the risk of gout or kidney stones.
Targets(IC50)	Others,Xanthine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0087 mL	15.0435 mL	30.087 mL
5 mM	0.6017 mL	3.0087 mL	6.0174 mL
10 mM	0.3009 mL	1.5043 mL	3.0087 mL
50 mM	0.0602 mL	0.3009 mL	0.6017 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Xie H, et al. An HPLC-MS/MS method for simultaneous determination of the active metabolites of febuxostat (67M-1, 67M-2 and 67M-4) in human plasma. J Chromatogr B Analyt Technol Biomed Life Sci. 2014;970:24-30.
Mayer MD, et al. Pharmacokinetics and pharmacodynamics of febuxostat, a new non-purine selective inhibitor of xanthine oxidase in subjects with renal impairment. Am J Ther. 2005;12(1):22-34.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481