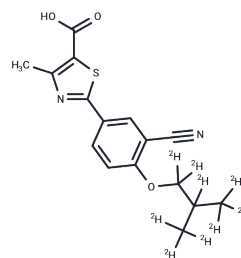


Febuxostat-D9

Chemical Properties

CAS No. :	1246819-50-0
Formula:	C ₁₆ H ₁₆ N ₂ O ₃ S
Molecular Weight:	325.43
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-D9 is deuterium labeled Febuxostat (TMSM-3473), which is a selective xanthine oxidase inhibitor with K_i of 0.6 nM.
Targets(IC50)	Xanthine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0729 mL	15.3643 mL	30.7286 mL
5 mM	0.6146 mL	3.0729 mL	6.1457 mL
10 mM	0.3073 mL	1.5364 mL	3.0729 mL
50 mM	0.0615 mL	0.3073 mL	0.6146 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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