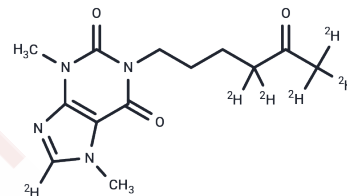


Pentoxifylline-D6

Chemical Properties

CAS No. :	1185879-03-1
Formula:	C ₁₃ H ₁₂ D ₆ N ₄ O ₃
Molecular Weight:	284.34
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	Pentoxifylline-D6 is intended for use as an internal standard for the quantification of pentoxifylline by GC- or LC-MS. Pentoxifylline is a hemorrheologic agent. It increases the deformability of washed isolated human erythrocytes when used at a concentration of 100 μM. Pentoxifylline (1, 2, and 3 mM) inhibits ADP-induced platelet aggregation in isolated human whole blood. It inhibits thrombus formation induced by ADP in a hamster cheek pouch model when administered at doses of 5, 10, and 20 mg/kg. Formulations containing pentoxifylline have been used in the treatment of intermittent claudication.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5169 mL	17.5846 mL	35.1692 mL
5 mM	0.7034 mL	3.5169 mL	7.0338 mL
10 mM	0.3517 mL	1.7585 mL	3.5169 mL
50 mM	0.0703 mL	0.3517 mL	0.7034 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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