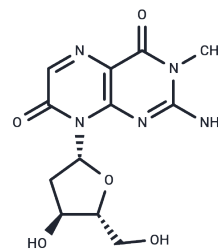


3-Methyl-8-(2'-deoxy-β-D-ribofuranosyl)isoxanthopterin

Chemical Properties

CAS No. :	170379-51-8
Formula:	C ₁₂ H ₁₅ N ₅ O ₅
Molecular Weight:	309.28
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	3-Methyl-8-(2'-deoxy-β-D-ribofuranosyl)isoxanthopterin is a pteridine-based fluorescent guanosine analogue and DNA uptake tracer, extensively utilized for investigating DNA binding and dynamics, with an absorbance peak at 350 nm and an emission peak at 430 nm [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2333 mL	16.1666 mL	32.3332 mL
5 mM	0.6467 mL	3.2333 mL	6.4666 mL
10 mM	0.3233 mL	1.6167 mL	3.2333 mL
50 mM	0.0647 mL	0.3233 mL	0.6467 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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