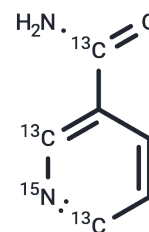


Nicotinamide-15N,13C3

Chemical Properties

CAS No. :	2117346-85-5
Formula:	C ₆ H ₆ N ₂ O
Molecular Weight:	126.1
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	Nicotinamide-15N,13C3 is a form of nicotinamide labeled with 13C and 15N. Nicotinamide, a vitamin B3, is crucial in cellular physiology by maintaining NAD ⁺ redox balance and supplying NAD ⁺ as a substrate for enzymes catalyzing non-redox reactions. Nicotinamide (T0934) also acts as an SIRT1 inhibitor.
Targets(IC50)	Endogenous Metabolite,Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.9302 mL	39.6511 mL	79.3021 mL
5 mM	1.586 mL	7.9302 mL	15.8604 mL
10 mM	0.793 mL	3.9651 mL	7.9302 mL
50 mM	0.1586 mL	0.793 mL	1.586 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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