

8-(2-azidobenzylthio) NAD⁺ sodium

Chemical Properties

CAS No. :

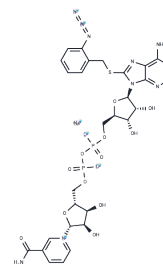
Formula: C₂₈H₃₁N₁₀O₁₄P₂S.Na

Molecular Weight: 848.61

Keep away from direct sunlight

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

8-(2-azidobenzylthio) NAD⁺ is a derivatized version of NAD⁺, a signaling molecule and enzyme cofactor, featuring an azido group (azidobenzylthio) that enables click chemistry applications.

Solubility Information

Solubility

H₂O: Soluble
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1784 mL	5.892 mL	11.784 mL
5 mM	0.2357 mL	1.1784 mL	2.3568 mL
10 mM	0.1178 mL	0.5892 mL	1.1784 mL
50 mM	0.0236 mL	0.1178 mL	0.2357 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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