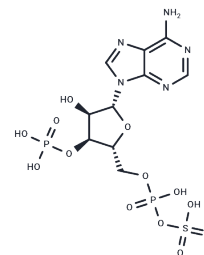


PAPS

Chemical Properties

CAS No. : 482-67-7
Formula: C₁₀H₁₅N₅O₁₃P₂S
Molecular Weight: 507.26
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PAPS is a product of mitochondrial sulfate activation which is translocated to the cytosol, then becomes a substrate for SULTs.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9714 mL	9.8569 mL	19.7138 mL
5 mM	0.3943 mL	1.9714 mL	3.9428 mL
10 mM	0.1971 mL	0.9857 mL	1.9714 mL
50 mM	0.0394 mL	0.1971 mL	0.3943 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.

Reference

Rohn KJ, Cook IT, Leyh TS, Kadlubar SA, Falany CN. Potent inhibition of human sulfotransferase 1A1 by 17 α -ethinylestradiol: role of 3'-phosphoadenosine 5'-phosphosulfate binding and structural rearrangements in

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