

PIPES disodium

Chemical Properties

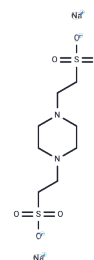
CAS No. : 76836-02-7

Formula: C₈H₁₆N₂Na₂O₆S₂

Molecular Weight: 346.32

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PIPES disodium, also known as 1,4-Piperazinediethanesulfonic acid disodium, is a crucial constituent of PIPES buffer agent utilized in the field of biochemistry [1].
In vitro	To prepare the pH PIPES buffer, dissolve 173 g of 1,4-piperazinediethanesulfonic acid in 1 L of deionized water. Adjust the PIPES buffer's pH to 6.8 using sodium hydroxide pellets. This formulation of PIPES buffer is effective in mitigating lipid loss and artifacts induced by glutaraldehyde fixation [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8875 mL	14.4375 mL	28.875 mL
5 mM	0.5775 mL	2.8875 mL	5.775 mL
10 mM	0.2888 mL	1.4438 mL	2.8875 mL
50 mM	0.0578 mL	0.2888 mL	0.5775 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481