

PNPP

Catalog No: tcsc3047



Available Sizes

Size: 1g

Size: 5g



Specifications

CAS No:

4264-83-9

Formula:

$\text{C}_6\text{H}_4\text{NNa}_2\text{O}_6\text{P}$

Purity / Grade:

>98%

Solubility:

H₂O : ≥ 200 mg/mL (760.31 mM)

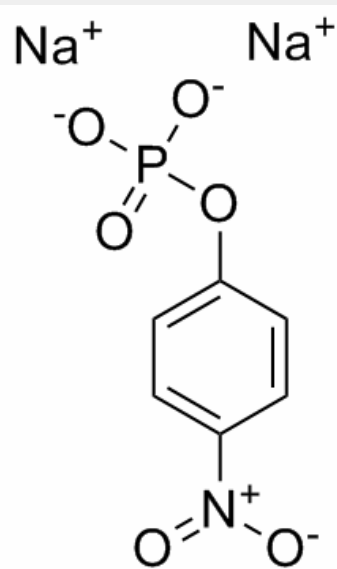
Observed Molecular Weight:

263.05

Product Description

PNPP is a non-proteinaceous chromogenic substrate for alkaline and acid phosphatases used in ELISA and conventional spectrophotometric assays.

In Vitro: Phosphatases catalyze the hydrolysis of PNPP liberating inorganic phosphate and the conjugate base of para-nitrophenol (pNP). The resulting phenolate is yellow, with a maximal absorption at 405 nm^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!