

p-NPP 5mg Tablets

(Disodium (4-nitrophenyl) phosphate, Substrate for ELISA assays)

Product Number: 2026

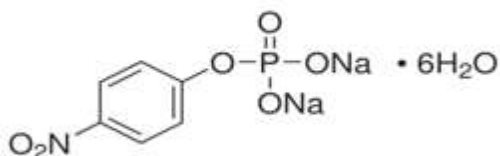
CAS Number: [333338-18-4]

Storage Condition: Keep well closed at -20°C under protective gas in a dark and dry place along with inert desiccant.

Description

pNPP 5mg Tablets, disodium (4-nitrophenyl) phosphate. A chromogenic substrate for the determination of acid and alkaline phosphatases in ELISA procedures. pNPP 5mg Tablets are pre-weighed for fast and convenient preparation of a pNPP-solution. Each tablet contains min 5mg of pNPP disodium salt.

Structural Formula p-NPP-disodium (4-nitrophenyl) phosphate:



Specification

White to pale yellow round tablets, soluble

Molecular weight-371.14g/mol

Molecular formula C₆H₄NNa₂O₆P·6H₂O (Hill Notation)

A yellow-colored water-soluble reaction product is produced when alkaline phosphatase and pNPP are reacted. This reaction product can be read spectrophotometrically at 405 nm. The reaction may be stopped with 3 M NaOH and read at 405nm.

Application

pNPP (p-Nitrophenyl Phosphate, Disodium Salt) is widely used as a substrate for detecting alkaline phosphatase in ELISA applications. Used as a Chromogenic substrate for the determination of acid and alkaline phosphatase.

Quality

For laboratory use only

Offering Sizes

Available in 100tab Each tablet contains min 5mg of pNPP disodium salt. Packed in a glass bottle.