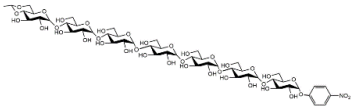
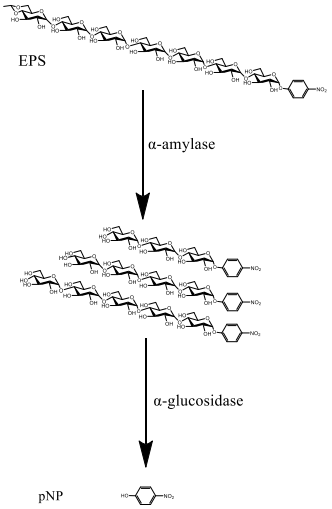
# Ethyliden-4-nitrophenyl-α-D-maltoheptaoside (EPS) (TBP0212)

| Catalog | Unit Size |
|---|---|
| TBP0212-100mg | 100mg |
| TBP0212-500mg | 500mg |
| TBP0212-1g | 1g |
| TBP0212-10g | 10g |

## Description

EPS (Ethyliden-4-nitrophenyl-α-D-maltoheptaoside) is a high-purity (>95% HPLC) chromogenic substrate with excellent water solubility, suitable for α-amylase assays. It supports single-batch kilogram-scale production, and its short production cycle ensures reliable and timely supply for reagent development.

## Specification

| | |
|---|---|
| **Appearance** | White to slightly yellowish powder |
| **CAS Number** | 96597-16-9 |
| **Molecular Formula** | $C_{50}H_{77}O_{38}$ |
| **Molecular Weight** | 1300.13 |
| **Purity** | ≥91% |
| **Storage** | Keep at 2-8℃ |
| **Long-Term Stability** | Stable for 2 years |
| **Application** | Used for the development and large-scale production of amylase (AMY) reagents based on the EPS substrate method. |
| **Constitutional formula** |  |
| **Product advantages** | 1. Good water solubility；2. High sensitivity；3. Good linearity；4. Good stability |
| **Product function** |   |

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