

## Glycerol 3-phosphate Oxidase, Streptococcus thermophilus

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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

Actual storage temperature shall be subject to the COA.

### Biological Description

Description	Glycerol 3-phosphate Oxidase, Streptococcus thermophilus (EC 1.1.3.21), is a type of oxidoreductase enzyme that acts on the CH-OH group of donor molecules using oxygen as the acceptor. This enzyme plays a role in glycerophospholipid metabolism and utilizes the cofactor FAD. Its substrates are sn-glycerol-3-phosphate and O <sub>2</sub> , leading to the production of glycerophosphate and H <sub>2</sub> O <sub>2</sub> .
Targets(IC50)	Endogenous Metabolite

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