

Glucose dehydrogenase, Pseudomonas sp.

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	Glucose dehydrogenase, Pseudomonas sp. (EC 1.1.1.47) is a type of oxidoreductase that acts on the CH-OH group of donor molecules, utilizing either NAD ⁺ or NADP ⁺ as the acceptor. The enzyme's three substrates are β-D-glucose, NAD ⁺ , and NADP ⁺ , and its four products are D-glucono-1,5-lactone, NADH, NADPH, and H ⁺ .
Targets(IC50)	Endogenous Metabolite

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