

nicotinate D-ribonucleotide:phenol phospho-D-ribosyltransferase

Cat. No. EXWM-2685

Lot. No. (See product label)

Introduction

Description The enzyme is involved in the biosynthesis of phenolic cobamides in the Gram-positive bacterium *Sporomusa ovata*. It can also transfer the phospho-D-ribosyl group to 4-methylphenol and 5,6-dimethylbenzimidazole. The related EC 2.4.2.21, nicotinate-nucleotide dimethylbenzimidazole phosphoribosyltransferase, also transfers the phospho-D-ribosyl group from nicotinate D-ribonucleotide to 5,6-dimethylbenzimidazole, but shows no activity with 4-methylphenol or phenol.

Synonyms ArsAB

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.4.2.55

Reaction nicotinate D-ribonucleotide + phenol = nicotinate + phenyl 5-phospho- α -D-ribofuranoside

Notes This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.