

Active Native acyl-CoA oxidase

Cat. No. ACOD-35 Lot. No. (See product label)

SPECIFICATION

Product Overview	Native acyl-CoA oxidase (EC 1.3.3.6) was purified from <i>Arthrobacter</i> sp..
Species	<i>Arthrobacter</i> sp.
Source	<i>Arthrobacter</i> sp.
Description	In enzymology, an acyl-CoA oxidase (EC 1.3.3.6) is an enzyme that catalyzes the chemical reaction $\text{acyl-CoA} + \text{O}_2 \rightarrow \text{trans-2,3-dehydroacyl-CoA} + \text{H}_2\text{O}_2$. Thus, the two substrates of this enzyme are acyl-CoA and O_2 , whereas its two products are trans-2,3-dehydroacyl-CoA and H_2O_2 .
Form	Yellowish lyophilized powder.
Bio-activity	20~40 U/mg
Storage	Store in tightly closed containers, desiccated, protected from light, at -20°C .

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