

phenylacetone monooxygenase

Cat. No. EXWM-0901

Lot. No. (See product label)

Introduction

DescriptionA flavoprotein (FAD). NADH cannot replace NADPH as coenzyme. In addition to phenylacetone, which is
the best substrate found to date, this Baeyer-Villiger monooxygenase can oxidize other aromatic ketones
[1-(4-hydroxyphenyl)propan-2-one, 1-(4-hydroxyphenyl)propan-2-one and 3-phenylbutan-2-one], some
alipatic ketones (e.g. dodecan-2-one) and sulfides (e.g. 1-methyl-4-(methylsulfanyl)benzene).

Synonyms PAMO

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.92
CAS No.	1005768-90-0
Reaction	phenylacetone + NADPH + H+ + O2 = benzyl acetate + NADP+ + H2O
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.