Creative Enzymes®

aklavinone 7-L-rhodosaminyltransferase

Cat. No. EXWM-2563

Lot. No. (See product label)

Introduction

Description	Isolated from the bacterium Streptomyces galilaeus. Forms a complex with its accessory protein AknT, and has very low activity in its absence. The enzyme can also use dTDP-2-deoxy-β-L-fucose. Involved in the biosynthesis of other aclacinomycins.
Synonyms	AknS/AknT; aklavinone 7-β-L-rhodosaminyltransferase; dTDP-β-L-rhodosamine:aklavinone 7-α-L-rhodosaminyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.326
Reaction	dTDP-β-L-rhodosamine + aklavinone = dTDP + aclacinomycin T
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.