Creative Enzymes®

2-hydroxy-dATP diphosphatase

Cat. No. EXWM-4628

Lot. No. (See product label)

Introduction

Description	The enzyme hydrolyses oxidized purine nucleoside triphosphates such as 2-hydroxy-dATP, thereby preventing their misincorporation into DNA. It can also recognize 8-oxo-dGTP and 8-oxo-dATP, but with lower efficiency (cf. EC 3.6.1.55, 8-oxo-dGTP diphosphatase).
Synonyms	NUDT1; MTH1; MTH2; oxidized purine nucleoside triphosphatase; (2'-deoxy) ribonucleoside 5'-triphosphate pyrophosphohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.6.1.56
Reaction	2-hydroxy-dATP + H2O = 2-hydroxy-dAMP + diphosphate
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 ℃.