

N-Methylhydantoinase (ATP-hydrolyzing), Arthrobacter sp.

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	N-Methylhydantoinase (ATP-hydrolyzing) from Arthrobacter sp. is an enzyme belonging to the hydrolase family, which acts on carbon-nitrogen bonds other than peptide bonds, particularly in cyclic amides. This enzyme is involved in the metabolism of arginine, creatinine, and proline. Its three substrates are ATP, N-methylimidazolidine-2,4-dione, and water, while its three products are ADP, phosphate, and N-carbamoylsarcosine.
Targets(IC50)	Endogenous Metabolite

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