Data Sheet (Cat.No.T15011)

TargetMol

Creatine riboside

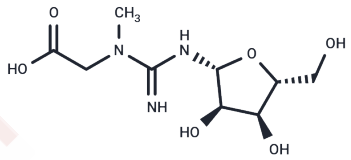
Chemical Properties

CAS No. : 1616693-92-5

Formula: C9H17N3O6

Molecular Weight: 263.25

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	Creatine riboside, a urinary metabolite, is a diagnostic and prognostic biomarker of lung cancer.
Targets(IC50)	Others,Endogenous Metabolite
In vivo	In intrahepatic cholangiocarcinoma (ICC), the urinary metabolites Creatine riboside and N-acetylneuraminic acid (NANA), are significantly increased [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7987 mL	18.9934 mL	37.9867 mL
5 mM	0.7597 mL	3.7987 mL	7.5973 mL
10 mM	0.3799 mL	1.8993 mL	3.7987 mL
50 mM	0.076 mL	0.3799 mL	0.7597 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Mathé EA, et al. Noninvasive urinary metabolomic profiling identifies diagnostic and prognostic markers in lung cancer. Cancer Res. 2014 Jun 15;74(12):3259-70.
Haznadar M, et al. Urinary Metabolites Diagnostic and Prognostic of Intrahepatic Cholangiocarcinoma. Cancer Epidemiol Biomarkers Prev. 2019 Oct;28(10):1704-1711.

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