

2-Hydroxyadipic acid

Chemical Properties

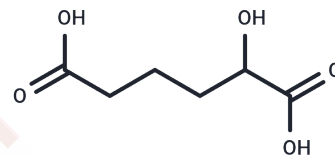
CAS No. : 18294-85-4

Formula: C₆H₁₀O₅

Molecular Weight: 162.14

Storage: Keep away from direct sunlight, Store under nitrogen
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	2-Hydroxyadipic acid (2-hydroxyhexanedioic acid) is an organic acid formed by the reduction of 2-ketoadipic acid.
Targets(IC50)	Others, Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1675 mL	30.8375 mL	61.6751 mL
5 mM	1.2335 mL	6.1675 mL	12.335 mL
10 mM	0.6168 mL	3.0838 mL	6.1675 mL
50 mM	0.1234 mL	0.6168 mL	1.2335 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

K.Hashimoto, K. et al. 2-Hydroxyadipic Acid Production by Oxidation of 2-Hydroxycyclohexanone with Molecular Oxygen. ChemCatChem 2023, 15, e202300212.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481