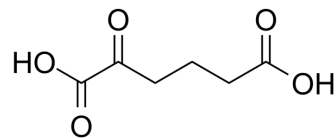


Oxoadipic acid

Cat. No.:	HY-113227		
CAS No.:	3184-35-8		
Molecular Formula:	C ₆ H ₈ O ₅		
Molecular Weight:	160.12		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 250 mg/mL (1561.33 mM; Need ultrasonic)
 DMSO : 100 mg/mL (624.53 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.2453 mL	31.2266 mL	62.4532 mL
	5 mM	1.2491 mL	6.2453 mL	12.4906 mL
	10 mM	0.6245 mL	3.1227 mL	6.2453 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Oxoadipic acid is a key metabolite of the essential amino acids tryptophan and lysine.

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

[1]. Shibata K, et al. Fluorometric determination of 2-oxoadipic acid, a common metabolite of tryptophan and lysine, by high-performance liquid chromatography with pre-chemical derivatization. *Biosci Biotechnol Biochem.* 2011;75(1):185-7. Epub 2011 Jan 7.

Caution: Product has not been fully validated for medical applications. For research use only.

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