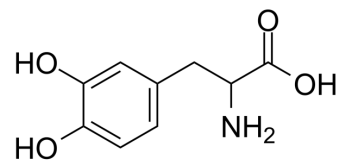


DL-Dopa

Cat. No.:	HY-113404		
CAS No.:	63-84-3		
Molecular Formula:	C ₉ H ₁₁ NO ₄		
Molecular Weight:	197.19		
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 : 62.5 mg/mL (316.95 mM; ultrasonic and warming and adjust pH to 2 with HCl and heat to 80°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	5.0713 mL	25.3563 mL	50.7125 mL
5 mM	1.0143 mL	5.0713 mL	10.1425 mL
10 mM	0.5071 mL	2.5356 mL	5.0713 mL

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

BIOLOGICAL ACTIVITY

Description	DL-Dopa is a beta-hydroxylated derivative of phenylalanine.
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Yen HC, et al. Effects of various drugs on 3,4-dihydroxyphenylalanine (DL-DOPA)-induced excitation (aggressive behavior) in mice. Toxicol Appl Pharmacol. 1970 Nov;17(3):597-604.

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

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