

Cardiolipin (Heart, Bovine) (sodium)

Cat. No.:	HY-134238	
CAS No.:	383907-10-6	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Cardiolipin (Heart, Bovine) (sodium)
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)	

SOLVENT & SOLUBILITY

In Vitro	DMSO : 6.67 mg/mL (Need ultrasonic)
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 0.67 mg/mL (Infinity mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 0.67 mg/mL (Infinity mM); Clear solution

BIOLOGICAL ACTIVITY

Description	Cardiolipin (Heart, Bovine) sodium is a mitochondria-exclusive phospholipid. Cardiolipin (Heart, Bovine) sodium has the potential for the research of Neurological Disease ^[1] .
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REFERENCES

[1]. Falabella M, et al. Cardiolipin, Mitochondria, and Neurological Disease. Trends Endocrinol Metab. 2021 Apr;32(4):224-237.

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

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