

## Octanoyl coenzyme A lithium

Cat. No.: HY-134136A

CAS No.: 324518-20-9

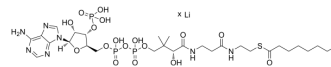
Molecular Formula:  $C_{29}H_{50}N_7O_{17}P_3S \cdot xLi$

Target: Biochemical Assay Reagents

Pathway: Others

Storage: -20°C, sealed storage, away from moisture

\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### BIOLOGICAL ACTIVITY

Description	Octanoyl coenzyme A lithium is a fatty acyl coenzyme A derivative. Octanoyl coenzyme A lithium can inhibit citrate synthase (CS) and glutamate dehydrogenase (GDH) with IC <sub>50</sub> values of 0.4-1.6 mM <sup>[1]</sup> .
IC <sub>50</sub> & Target	Citrate Synthase, Glutamate Dehydrogenase <sup>[1]</sup>

### REFERENCES

[1]. Lai JC, et al. Differential effects of fatty acyl coenzyme A derivatives on citrate synthase and glutamate dehydrogenase. Res Commun Chem Pathol Pharmacol. 1993 Dec;82(3):331-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA