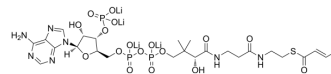


## 2-Butenoyl coenzyme A lithium

Cat. No.:	HY-134421
CAS No.:	102680-35-3
Molecular Formula:	C <sub>25</sub> H <sub>36</sub> Li <sub>4</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S
Molecular Weight:	859.34
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

2-Butenoyl coenzyme A (lithium), an active compound, can be used as a substrate for plasmodium falciparum enyl-ACP reductases and other enyl-CoA reductases. 2-Butenoyl coenzyme A lithium can be used as a substrate analogue to study the kinetics of  $\beta$ -hydroxyacyl-acyl-carrier protein (ACP) dehydratase (FabZ)<sup>[1]</sup>.

### REFERENCES

[1]. Weizhi Liu, et al. A new beta-hydroxyacyl-acyl carrier protein dehydratase (FabZ) from Helicobacter pylori: Molecular cloning, enzymatic characterization, and structural modeling. Biochem Biophys Res Commun. 2005 Aug 12;333(4):1078-86.

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

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