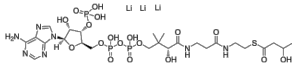


DL-β-Hydroxybutyryl coenzyme A lithium

货号: **AYB27976**



产品信息

生物活性	DL-β-Hydroxybutyryl coenzyme A lithium is an intermediate in the fermentation of butyric acid and the metabolism of lysine and tryptophan, and is produced from β-hydroxybutyric acid by short-chain-CoA synthase.
CAS	103404-51-9
中文名称	
分子量	874.45
体外研究	<p>DL-β-Hydroxybutyryl coenzyme A lithium (β-Hydroxybutyryl-CoA) can be produced as an intermediate metabolite via the mitochondrial pathway, where impaired mitochondrial function in cancer cells leads to the accumulation of it. At the same time, DL-β-Hydroxybutyryl coenzyme A lithium can also be produced via the fatty acid β-oxidation, which is accelerated by starvation and fasting, leading to the accumulation of it and thus to diseases caused by certain metabolic adaptations.</p> <p>DL-β-Hydroxybutyryl coenzyme A lithium (β-Hydroxybutyryl-CoA) can act as a cofactor for lysine β-hydroxybutyrylation (Kbhb), with elevated levels of histone Kbhb in a streptozotocin (STZ)-induced type 1 diabetes mellitus (T1DM) mouse model.</p> <p>The accuracy of these methods have not been independently confirmed. They are for reference only.</p>
体内研究	
形式	
运输条件	Room temperature in continental US; may vary elsewhere.
保存条件	Please store the product under the recommended conditions in the Certificate of Analysis.
溶解性	
纯度	