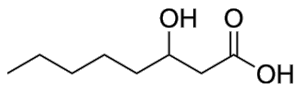


# 3-Hydroxyoctanoic acid

货号: **AYB27871**

## 产品信息

生物活性	3-Hydroxyoctanoic acid is a hydroxylated fatty acid that has been found in the LPS of <i>Pseudomonas aeruginosa</i> and in methyl-branched poly(3-hydroxyalkanoate) (PHA) <b>polymers</b> produced by <i>Pseudomonas oleophores</i> . It is an agonist of the orphan receptor GPR109B, increasing intracellular calcium in human neutrophils endogenously expressing GPR109B. 3-Hydroxycaprylic acid prevents lipolysis in human adipocytes and is upregulated in human plasma in response to a ketogenic diet. Plasma levels of 3-hydroxyoctanoic acid were also increased 3.41-fold in human male runners exhausted on a treadmill and in a mouse model of autism spectrum disorder (ASD) fed a high-glycemic diet.
CAS	14292-27-4
中文名称	
分子量	160.21
体外研究	
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	