

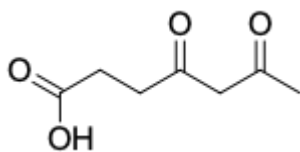
Succinylacetone

<http://cn.lumiprobe.com/p/succinylacetone>

Succinylacetone (4,6-dioxoheptanoic acid), is a result of tyrosine metabolism disorder. The synthesis of this medium-chain keto acid in the body is due to the reduced activity of the enzyme fumarylacetoacetate hydrolase. Succinylacetone is an acidogen, its high concentrations can lead to metabolic acidosis, which leads to damage to the liver, kidneys, heart, and nervous system. Succinylacetone appears to be an oncometabolite because patients with high levels of this compound often develop hepatocellular carcinoma.

Succinylacetone is widely used in research as an inhibitor of the enzyme 5-aminolevulinic acid dehydratase (ALAD), which plays a key role in heme biosynthesis.

The product is used primarily as a control for MS/MS.



外观: 白色固体

分子量: 158.15

编号:

CAS 51568-18-4

分子式:

$C_7H_{10}O_4$

溶解度:

在水中

质量控制:

储存条件:

收到后在

-20°C 黑暗条件下可保存 24 个月。运输: 室温下最多可保存 3 周。干燥。

法律声明:

本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。