

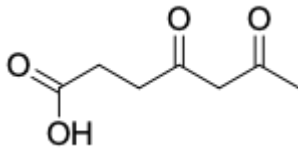
Succinylacetone

<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

重量:

CAS 51568-18-4

编号:

分子

式: C₇H₁₀O₄

溶解

度: 在水中

质量

控制:

储存

条件:

法律

声明:

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:

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