Hexacosanoic Acid
Item No. 13354

CAS Registry No.: 506-46-7
Synonyms: Ceric Acid, Cerotic Acid, C26:0, NSC 4205
MF: C26H52O2
FW: 396.7
Purity: ≥98%
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥4 years

*Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.*

**Laboratory Procedures**

Hexacosanoic acid is supplied as a crystalline solid. A stock solution may be made by dissolving the hexacosanoic acid in the solvent of choice, which should be purged with an inert gas. Hexacosanoic acid is soluble in the organic solvent chloroform at a concentration of approximately 2.5 mg/ml.

**Description**

Hexacosanoic acid is a 26-carbon saturated (26:0) very-long-chain fatty acid. Plasma levels of hexacosanoic acid are increased in a mouse model of adrenoleukodystrophy, a peroxisomal disorder. Increased levels of hexacosanoic acid in red blood cells or in plasma positively correlated with atherosclerotic risk factors and metabolic syndrome, respectively.

**References**