



PRODUCT DATA SHEET

Product: C75

Cat. No: BC-113 (5 mg)

Product Description:

Inhibitor of fatty acid synthase (FAS), which reduces food intake and body weight in mice. C75 exhibits irreversible slow-binding biphasic inactivation of fatty acid synthase. C75 has been shown to down regulate neuropeptide Y and agouti-related protein expression. Has been proposed to activate CPT-1 activity in liver and adipose tissue, leading to increased fatty acid oxidation and energy production. Shows significant *in vivo* anti-tumor activity in human breast cancer cells. Suppresses DNA replication and induces apoptosis.

Formula: C₁₄H₂₂O₄

MW: 254.3

Appearance: White solid.

Solubility: Soluble in dichloromethane, methanol or DMSO.

Purity: >98%

Storage and Stability:

Store at -20°C.

Limitations:

For research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.