

Product Information

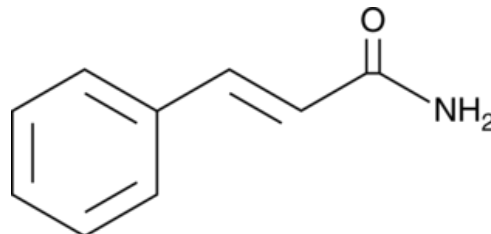


Cinnamamide

Cat No: 25117 - 5 g

General Data

Shipping:	dry ice
Formulation:	A solid
Purity:	≥95%



Product Overview

Cinnamamide is an amide form of trans-cinnamic acid and a metabolite of Streptomyces.^{43048} Cinnamamide exhibits low cytotoxicity against BEL-7402 human hepatoma cells and HT-1080 fibrosarcoma cells and inhibits cell growth (IC₅₀s = 1.94 and 1.29 mM, respectively).^{43049} In vivo, cinnamamide (40 and 100 mg/kg, i.p.) reduces tumor weight in a mouse model of C26 murine colon carcinoma. Cinnamamide (75 and 150 mg/kg, i.p.) also reduces tumor weight in a mouse model of murine hepatoma 22 by 42% and 49%, respectively, without reducing body weight when delivered one or three days following tumor implantation. When presented with cinnamamide-treated food at a concentration of 0.8% w/w, house and wood mice food consumption is reduced to 32% and 17% of pretreatment levels, respectively, however, wood mouse consumption returns to pretrial levels by day two.^{43050}

FP/01/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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