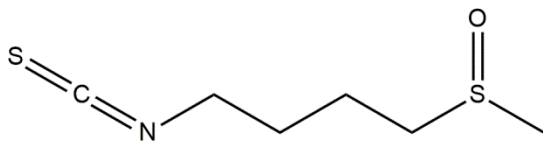


Sulforaphane

ALTERNATE NAMES: DL-Sulforaphane, 1-Isothiocyanato-4-(methylsulfinyl)butane, SFN, 4-methylsulphinylbutyl glucosinolate, methylsulfoxybutylisothiocyanate, 4-isothiocyanatobutyl methyl sulfoxide

CATALOG #: B2801-5 5 mg
B2801-25 25 mg

STRUCTURE



MOLECULAR FORMULA: C₆H₁₁NOS₂

MOLECULAR WEIGHT: 177.29

CAS NUMBER: 4478-93-7

APPEARANCE: Yellow to brown oil

PURITY: ≥ 95%

SOLUBILITY: 16 mg/ml in DMSO

DESCRIPTION: Sulforaphane is an isothiocyanate found in cruciferous vegetables such as broccoli. It has anti-cancer activity and targets multiple pathways in cancer development. It induces chemopreventative enzymes via Keap1-Nrf2 signaling and ARE-driven gene expression and inhibits class I and II Histone Deacetylase activity. It induces the production of detoxifying enzymes such as quinone reductase and glutathione S-transferase.

STORAGE TEMPERATURE: -20 °C

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

N-Acetyl-L-cysteine (Cat. No. 1813)
(-)-Epigallocatechin gallate (Cat. No. 1841)
Reduced Glutathione (GSH) (Cat. No. 1242)
6-Gingerol (Cat. No. 2507)
Isoliquiritigenin (Cat. No. 2528)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*