Indole-3-carbinol

ALTERNATE NAMES: 3-Hydroxymethylindole, Indole-3-methanol, Indinol, 1H-Indole-3-methanol, 1H-indol-3-ylmethanol

CATALOG #: B2839-100 100 mg
B2839-500 500 mg

STRUCTURE:

MOLECULAR FORMULA: C₉H₉NO

MOLECULAR WEIGHT: 147.17

CAS NUMBER: 700-06-1

APPEARANCE: Crystalline solid

PURITY: ≥96%

SOLUBILITY: 7 mg/ml in Water
3 mg/ml in DMSO
10 mg/ml in Ethanol

DESCRIPTION: Indole-3-carbinol is an anticancer phytochemical in cruciferous vegetables. It is produced by the breakdown of the glucosinolate glucobrassicin by the action of enzyme myrosinase. It induces apoptosis in cancer cells. It inhibits NF-κB, Akt and MAPK signaling pathways. It inactivates a ubiquitin E3 ligase (WWP1), which restores the tumor suppressive activity of PTEN.

STORAGE TEMPERATURE: +2 to +8 °C

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

RELATED PRODUCTS:
(-)-Epigallocatechin gallate (Cat. No. 1841)
Berberine Chloride (Cat. No.1830)
Fucoxanthine (Cat. No. B2072)
Thymoquinone (Cat. No. B2172)
Sulforaphane (Cat. No. B2801)

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