

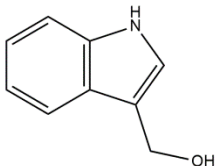
# Indole-3-carbinol

5/19

**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:** C<sub>9</sub>H<sub>9</sub>NO

**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.*