

Product Information

3,3'-Diindolylmethane, Purity ≥98%

Cat. No.: X24-09-YM1401

Size: 100 mg; 200 mg; 500 mg; 1 g

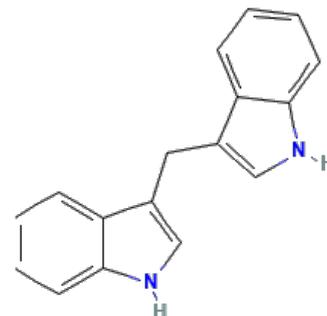
MDL: MFCD00195766

CAS Number: 1968-05-4

Compound CID: 3071

Synonym: 1968-05-4; DIM; Arundine; HB 236; 3-(1*H*-Indol-3-ylmethyl)-1*H*-indole

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	3,3'-Diindolylmethane, soluble in DMSO and ethanol and insoluble in water, is a major digestive product of indole-3-carbinol, a potential anticancer component of cruciferous vegetables. The molecular weight of the compound is 246.31, and its molecular formula is C ₁₇ H ₁₄ N ₂ .
Molecular Weight	246.31
Molecular Formula	C ₁₇ H ₁₄ N ₂
IUPAC Name	3-(1 <i>H</i> -Indol-3-ylmethyl)-1 <i>H</i> -indole
InChI	InChI=1S/C17H14N2/c1-3-7-16-14(5-1)12(10-18-16)9-13-11-19-17-8-4-2-6-15(13)17/h1-8,10-11,18-19H,9H2
InChI Key	VFTRKSBEFQDZKX-UHFFFAOYSA-N
Canonical SMILES	C1=CC=C2C(=C1)C(=CN2)CC3=CNC4=CC=CC=C43
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO: 45 mg/mL (182.69 mM); Water: insoluble; Ethanol: 17 mg/mL (69.01 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	3,3'-Diindolylmethane plays a key role in influencing cell cycle regulation and apoptosis.
Storage	Store at -20°C, and keep desiccated.