

Product Name	: Chaetocin
Synonyms	: Chaetocin
Cat No.	: M18357
CAS Number	: 28097-03-2
Molecular Formula	: C ₃₀ H ₂₈ N ₆ O ₆ S ₄
Formula Weight	: 696.84
Chemical Name	: (3S,3'S,5aR,5aR,10bR,10'bR,11aS,11'aS)-2,2',3,3',5a,5'a,6,6'-octahydro-3,3'-bis(hydroxymethyl)-2,2'-dimethyl-[10b,10'b(11H,11'H)-bi3,11a-epidithio-11aH-pyrazino[1',2':1,5]pyrrolo[2,3-b]indole]-1,1',4,4'-tetrone
Description	: Chaetocin is an inducer of apoptosis in human melanoma cells, generating reactive oxygen species and the intrinsic mitochondrial pathway.
Pathway	: Others
Target	: Other Targets
Receptor	: dSU(VAR)3-9 ; mouse G9a; Neurospora crassa DIM5
Solubility	: DMSO : ≥ 26 mg/mL 37.31 mM; H ₂ O : < 0.1 mg/mL
SMILES	: <chem>CN1C(=O)[C@@]23C[C@]4([C@@H](N2C(=O)[C@@]1(SS3)CO)NC5=CC=CC=C54)[C@]67C[C@]89C(=O)N([C@](C(=O)N8[C@H]6NC1=CC=CC=C71)(SS9)CO)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

