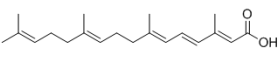


Product Name	: Peretinoin
Synonyms	: NIK-333; NIK333; NIK 333
Cat No.	: M16040
CAS Number	: 81485-25-8
Molecular Formula	: C ₂₀ H ₃₀ O ₂
Formula Weight	: 302.45
Chemical Name	: 2,4,6,10,14-Hexadecapentaenoic acid, 3,7,11,15-tetramethyl-, (2E,4E,6E,10E)-
Description	 A novel orally available, synthetic retinoid with potential antineoplastic and chemopreventive activities; inhibits DEN-induced rat hepatocarcinogenesis through suppression of TGF-α expression and cell proliferation; decreases the levels of cyclin D1, cyclin D2, cIAP2 and XIAP proteins, and inhibits growth of ATL cells both in vitro and in vivo; prevents the progression of NASH and the development of HCC through activating the autophagy pathway by increased Atg16L1 expression in mice model; also inhibits HCV replication and infectious virus release in vitro. Liver Cancer Phase 3 Clinical
Pathway	: Microbiology/Virology
Target	: HCV
Receptor	: HCV
Solubility	: DMSO: ≥ 100 mg/mL; In vivo: Peretinoin is dissolved in DMSO (3 mg/mL) and then diluted with water (DMSO: water=1:1).
SMILES	: <chem>C/C(C)=C/CC/C(C)=C/CC/C(C)=C/C=C/C/C(C)=C/C(O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Kagawa M, et al. Carcinogenesis. 2004 Jun;25(6):979-85.| 2. Okudaira T, et al. Mol Cancer Ther. 2006 Mar;5(3):704-12.| 3. Shimakami T, et al. Sci Rep. 2014 Apr 15;4:4688.| 4. Okada H, et al. Oncotarget. 2017 Jun 20;8(25):39978-39993.