



Product Information

CAS Registry No. 302-79-4

Product Name: trans-Retinoic acid, 97%

Catalog No. R 1780

Chemical Name: (all-E)-3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatetraenoic acid

Synonym(s): Retinoic acid; Vitamin A acid; tretinoin; Aberel; Avita; Eudyna; Kerlocal; Renova; Retin-A; Vesanoid

Mol. formula: $C_{20}H_{28}O_2$

Formula wt: 300.44

M.p. 180°C–182°C

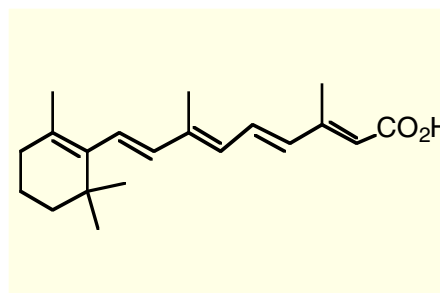
B.p.

Purity: ≥98%

Solubility: Soluble in DMSO. Slightly soluble in polyethylene glycol, octanol or ethanol. Practically insoluble

Stability (in original shipping container):

Storage temp: -20deg C



Product Description:

The active metabolite of vitamin A. A potential chemopreventive against skin, colon, and mammary tumors.

References:

M. Leid, Kastner, P, and Chambon, P. Trends Biochem. Sci. 17 : 427-33 (1992).
 Athar, M., et al. Carcinogenesis 12 (12) : 2325-9 (1991).
 Stopera, S.A. and Bird, R.P. Int. J. Cancer. 53 (5): 798-803 (1993).
 Thomas, S., et al. Int. J. Cancer. 70 (5): 619-27 (1997).

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.

PACKAGING

500 mg

1 g

5 g

Bulk quantity available upon request

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