
Product Data Sheet

Product Name: 5,6-epoxy-13-cis Retinoic Acid

Cat. No.: GC18466

Chemical Properties

Cas. No. 81444-57-7

Chemical Name 5,6-epoxy-5,6-dihydro-13-cis-retinoic acid

SMILES CC1(C)C(/C=C/C(C)=C/C=C/C(C)=C\C(O)=O)(O2)C2(C)CCC1

Formula $C_{20}H_{28}O_3$ M.Wt 316.4

Solubility Methanol: slightly, sonicated Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure 5,6-epoxy-13-cis Retinoic Acid

Background

5,6-epoxy-13-cis Retinoic acid is a metabolite of 13-cis retinoic acid. It is formed when 13-cis retinoic acid undergoes cooxidation by prostaglandin H (PGH) synthase in the presence of hydroperoxides or peroxy radicals. 5,6-epoxy-13-cis Retinoic acid is also a potential impurity found in commercial preparations of 13-cis retinoic acid.

Caution: Product has not been fully validated for medical applications. For research use only.

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