

Datasheet for ABIN1027857

Retinoic acid



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Overview

Quantity: 50 mg

Product Details

Purpose: Retinoid RAR agonist

Characteristics: Retinoid RAR agonist.

Purity: >98 %

Chemical Name: Tretinoin, ATRA

Formula: C₂₀H₂₈O₂

Solubility: Soluble to 50 mM in ethanol and 25 mM in DMSO

Target Details

Background: Retinoic acid is a metabolite of Vitamin A that mediates the functions of vitamin A required for growth and development. It is generated in a specific region of the embryo during early embryonic development.

Synonyms: Tretinoin, ATRA

Molecular Weight: 300.44

CAS-No: 302-79-4

Application Details

Comment: Source: Synthetic.

Appearance: Yellow solid

Application Details

Restrictions: For Research Use only

Handling

Format: Solid

Precaution of Use: Classification: Toxic. May be harmful or fatal if inhaled, swallowed or absorbed through skin.
Safety Phrases: S22 - Do not breathe dust S24/25 - Avoid contact with skin and eyes S36/37/39
- Wear suitable protective clothing, gloves and eye/face protection Risk Phrases: R20/21/22 -
Harmful by inhalation, in contact with skin and if swallowed R40 - Limited evidence of a
carcinogenic effect R46 - May cause heritable genetic damage R62 - Possible risk of impaired
fertility Hazard Phrases: H302-H411 Precautionary Phrases: P273

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Storage: -20 °C