

Product Data Sheet

Product Name: Abacavir hydroxyacetate

Cat. No.: GC66453

Chemical Properties

Cas. No. 1446418-48-9

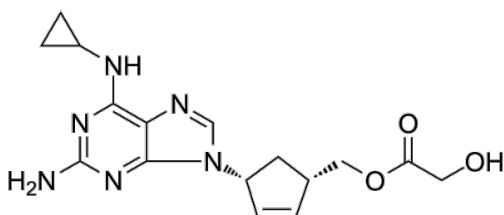
Formula $C_{16}H_{20}N_6O_3$ M.Wt 344.37

Solubility DMSO : ≥ 100 mg/mL (290.39 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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



Background

Abacavir hydroxyacetate is an orally active inhibitor of **IL-20** and **PRINS**. Abacavir hydroxyacetate reduces proliferation rate of skin in psoriasis as an immune modulator. Abacavir hydroxyacetate can be used for the research of inflammatory skin problems^{[1][2]}.

Abacavir hydroxyacetate (10-20 mg/kg; p.o. once) effectively controls psoriasis of mice ^[2].

Animal Model: 6 to 8-week-old male and female SCID mice with implantation of psoriatic tissue ^[2]

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Dosage: 10 and 20 mg/kg

Administration: Oral gavage; 10-20 mg/kg once

Result: Decreased the concentration of PRINS and 1L-20, and reduced the lesion area of skin. Showed a better effect than methotrexate in controlling psoriasis.

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