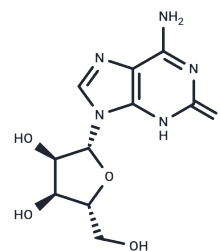


## Crotonoside

## Chemical Properties

CAS No. :	1818-71-9
Formula:	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>5</sub>
Molecular Weight:	283.24
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	1. Crotonoside (Isoguanosine) has much more active than adenosine in reducing the blood pressure in rabbits and cats, in decreasing the tone of isolated intestinal strips of the rabbit, guinea pig and hamster and in stimulating the isolated uterus of guinea pigs and hamsters. 2. Crotonoside inhibits the growth of S-18 and Ehrlich solid tumor in mice at the optimal doses of 96 mg/kg/day x 12 and 48 mg/kg/day x 12, with 1-T/C values of 65% and 6%, respectively.
Targets(IC50)	FLT,HDAC

## Solubility Information

Solubility	DMSO: 11 mg/mL (38.84 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5306 mL	17.6529 mL	35.3057 mL
5 mM	0.7061 mL	3.5306 mL	7.0611 mL
10 mM	0.3531 mL	1.7653 mL	3.5306 mL
50 mM	0.0706 mL	0.3531 mL	0.7061 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Zhou C, et al . ANTITUMOR AND IMMUNITY-REGULATING PHARMACEUTICAL COMPOSITION OF TRADITIONAL CHINESE MEDICINE, PREPARATION METHOD AND USE FOR SAME[J]. 2010.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286    E\_mail:info@targetmol.com    Address:36 Washington Street,Wellesley Hills,MA 02481