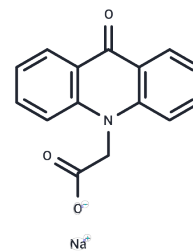


Cridanimod sodium

Chemical Properties

CAS No. :	58880-43-6
Formula:	C ₁₅ H ₁₁ NNaO ₃
Molecular Weight:	276.24
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cridanimod can increase progesterone receptor (PR) expression, with potential antineoplastic adjuvant activity. Cridanimod is able to induce the expression of PR in endometrial cancer. In combination with a progestin, cancer cells could be eradicated through increased PR-mediated signaling, leading to an inhibition of luteinizing hormone release from the pituitary gland, via a negative feedback mechanism, and, eventually, an inhibition of estrogen released from the ovaries.
Targets(IC50)	Others,IFNAR

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.620 mL	18.1002 mL	36.2004 mL
5 mM	0.724 mL	3.620 mL	7.2401 mL
10 mM	0.362 mL	1.810 mL	3.620 mL
50 mM	0.0724 mL	0.362 mL	0.724 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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