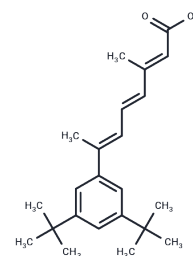


ALRT 1550

Chemical Properties

CAS No. : 178600-20-9
 Formula: C₂₃H₃₂O₂
 Molecular Weight: 340.5
 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	ALRT 1550, a retinoic acid agent (RAR) agonist, is used potentially for the treatment of cervical carcinoma.
Targets(IC50)	Others, Retinoid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9369 mL	14.6843 mL	29.3686 mL
5 mM	0.5874 mL	2.9369 mL	5.8737 mL
10 mM	0.2937 mL	1.4684 mL	2.9369 mL
50 mM	0.0587 mL	0.2937 mL	0.5874 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.

Reference

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- Hu W, Verschraegen CF, Wu WG, Nash M, Freedman RS, Kudelka A, Kavanagh JJ. Activity of ALRT 1550, a new retinoid, with interferon-gamma on ovarian cancer cell lines. Int J Gynecol Cancer. 2002 Mar-Apr;12(2):202-7. PubMed PMID: 11975681.
- Shalinsky DR, Bischoff ED, Lamph WW, Zhang L, Boehm MF, Davies PJ, Nadzan AM, Heyman RA. A novel retinoic acid receptor-selective retinoid, ALRT1550, has potent antitumor activity against human oral squamous carcinoma xenografts in nude mice. Cancer Res. 1997 Jan 1;57(1):162-8. PubMed PMID: 8988059.

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