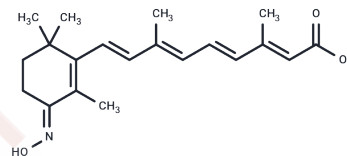


ATRA-hydroxyimino

Chemical Properties

CAS No. :	135325-47-2
Formula:	C ₂₀ H ₂₇ NO ₃
Molecular Weight:	329.43
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	ATRA-hydroxyimino, also known as CRABP-II ligand 1, is a chemical compound derived from Retinoic acid (ATRA). This compound binds to the cIAP1 ligand, specifically Bestatin, through a linker, resulting in the formation of a complex called SNIPER. The purpose of this complex is to degrade CRABP-II within IMR-32 cells[1].
Targets(IC50)	Others,Ligands for Target Protein for PROTAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0355 mL	15.1777 mL	30.3555 mL
5 mM	0.6071 mL	3.0355 mL	6.0711 mL
10 mM	0.3036 mL	1.5178 mL	3.0355 mL
50 mM	0.0607 mL	0.3036 mL	0.6071 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

Scheepstra M, et al. Bivalent Ligands for Protein Degradation in Drug Discovery. Comput Struct Biotechnol J. 2019 Jan 25;17:160-176.

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