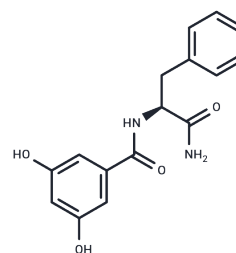


alpha-RA-F

Chemical Properties

CAS No. :	1260239-23-3
Formula:	C16H16N2O4
Molecular Weight:	300.31
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	alpha-RA-F can modulate collagen synthesis and matrix metalloproteinases (MMPs) expression levels by boosting collagen synthesis and reducing MMPs expression levels in human fibroblasts without cytotoxicity.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3299 mL	16.6495 mL	33.2989 mL
5 mM	0.666 mL	3.3299 mL	6.6598 mL
10 mM	0.333 mL	1.6649 mL	3.3299 mL
50 mM	0.0666 mL	0.333 mL	0.666 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

Kwak SY, Noh JM, Lee S, Lee SH, Jeon SJ, Kim HI, Kim JH, Lee YS. Effect of alpha-resorcylic acid-L-phenylalanine amide on collagen synthesis and matrix metalloproteinase expression in fibroblasts. Bioorg Med Chem Lett. 2014 Feb 1;24(3):742-5. doi: 10.1016/j.bmcl.2013.12.110. Epub 2014 Jan 3. PubMed PMID: 24411126.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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