

3-Indoleglyoxylic acid

Chemical Properties

CAS No. :	1477-49-2
Formula:	C10H7NO3
Molecular Weight:	189.167
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	3-Indoleglyoxylic acid modulates the mitochondrial ROS-mediated IL-17/CXCL10/TNF- α signaling pathway, protecting against bisphenol-induced intestinal barrier dysfunction.
Targets(IC50)	Mitochondrial Metabolism,CXCR,IL Receptor,TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2863 mL	26.4313 mL	52.8625 mL
5 mM	1.0573 mL	5.2863 mL	10.5725 mL
10 mM	0.5286 mL	2.6431 mL	5.2863 mL
50 mM	0.1057 mL	0.5286 mL	1.0573 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

Nakazono M, Sho Y, Zaitzu K. Lasting chemiluminescence of 3-indoleglyoxylyl chloride and its enhancement. Anal Sci. 2003 Jan;19(1):123-7.

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